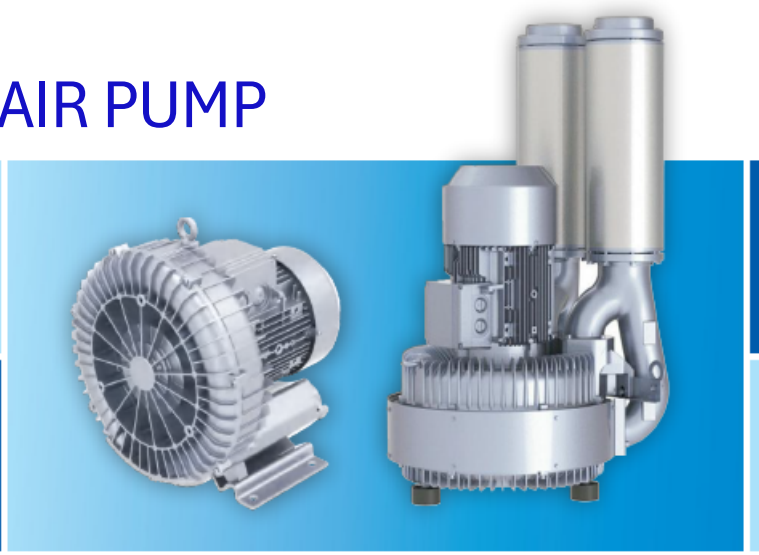
NEWFICK®

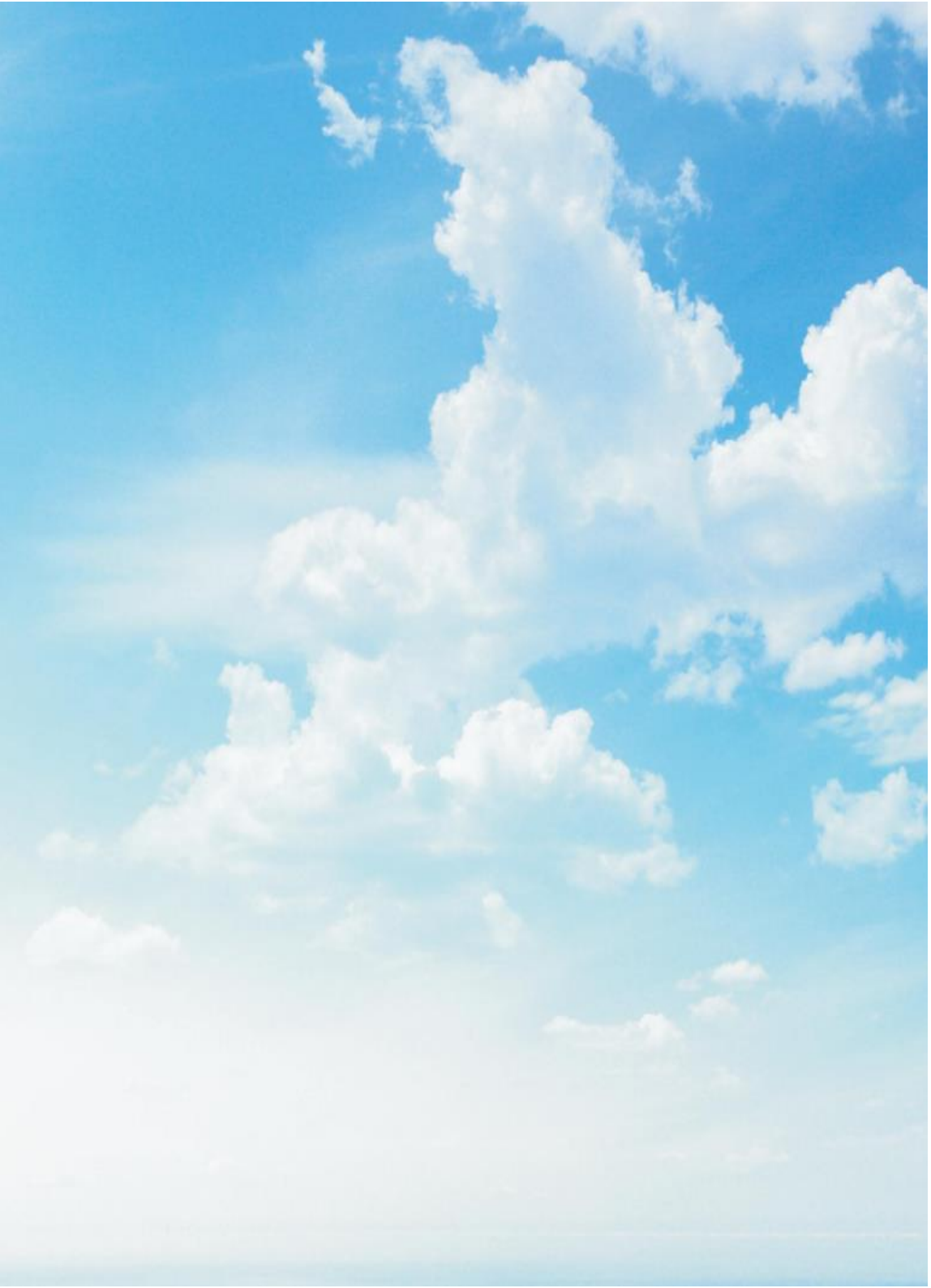
BLOWER & AIR PUMP



SUZHOU JINNOCK MECHANICAL EQUIPMENT CO.,LTD

PHONE NO : 0512-65029154

PRODUCT CATALOGUE



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COMPANY PROFILE

Suzhou Jinnock Mechanical Equipment Co., Ltd. specializes in the production and sales of high-pressure fans, vortex air pumps, through-type medium-pressure centrifugal fans and their accessories. With the goal of producing high-end and high-quality products, we introduce and absorb advanced German sub-fluid machinery technology. Product parts are all made of high-quality aluminum alloy one-time die-casting and processed using imported high-precision CNC machine tools. The products are safe, reliable, stable and durable, with consistent quality, innovative design, unique processing technology and superior cost performance. In recent years, we have made unremitting efforts to stabilize product quality, maximize efficiency and provide extensive technical resources.

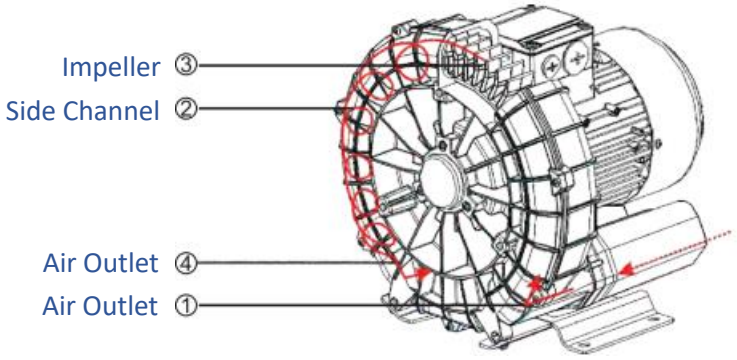
The company pursues the business philosophy of quality first and customer satisfaction, and constantly attracts professional talents, so that the company always has a number of technological talents who have mastered high-end technology in the industry. With a positive and pragmatic style, the company draws on various advanced management experiences and continuously introduces import advanced equipment from abroad to achieve self-improvement and establish a good corporate culture.

In order to better provide customers with satisfactory service and technical selection, we are now equipped with several sales engineers. We welcome new and old customers to call us for consultation and purchase. At the same time, we have a large amount of inventory to meet market demand.

We have been pursuing a professional and sustainable development path, always adhering to the concept of "quality first, customer first, integrity and pragmatism, high quality and win-win" and professional services to help every customer and create higher value. We will sincerely carry out extensive cooperation with various industries with high-quality products and perfect after-sales service to jointly create a better future!

COMPANY QUALIFICATION

WORKING PRINCIPLE



The impellers are mounted directly on the motor shaft for noncontactcompression entirely without friction.Maximumoperational reliability,even at high differential is ensured by the arrangement of the bearings outside the compressionchamber.The gas it taken in though the inlet1.As it enters the side channel 2,the rotating impeller 3 imparts velocity tothe gas in the direction of rotation.Centrifugal force in the impeller blades accelerates the gas outward and the pressureincrease .Every rotation adds kinetic energy.Resulting in the further increase of the pressure along the sidechannel .The side channel narrow at the rotor,sweeping the gas off the impeller blades and discharging it though the outlet silencer 4 where it exits the side channel blower

PRODUCT FEATURES

●Oil-free, water-free compression, all air ring pump motors have IP55 protection grade and F grade insulation. Dual frequency (50/60HZ) and wide voltage can meet the voltage levels of almost all regions in the world. The external bearing design can withstand higher operating temperatures, improving operational reliability and service life.

●Introducing a new concept of variable frequency drive, the performance can be improved up to 300% compared to ordinary motor drive. The unique sealing form between the impeller and the pump body reduces the pressure loss during gas compression process.

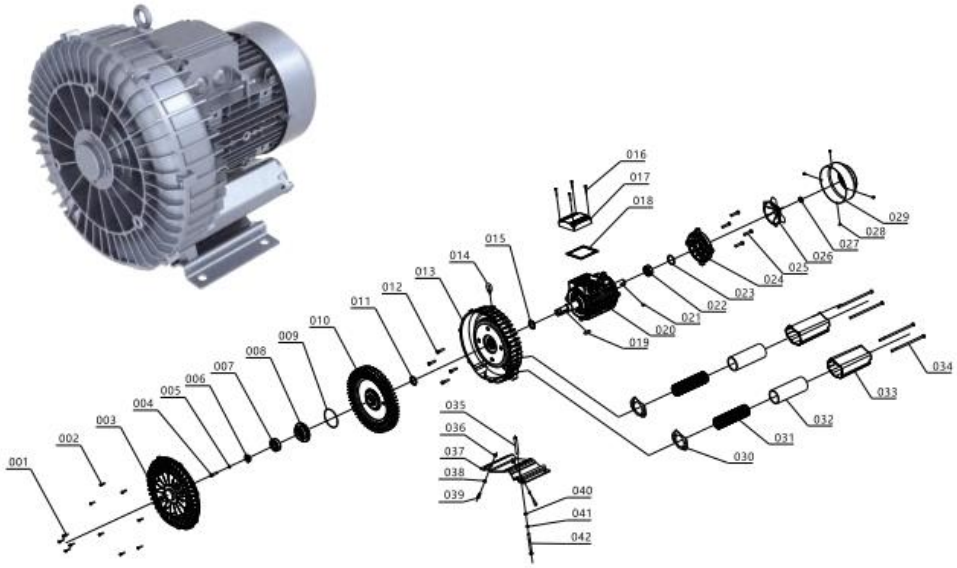
●The pump casing and impeller are made of die-casting molds, which are durable and have excellent heat dissipation. They are processed and cut using precision machine tools imported from Germany and Japan to ensure accuracy and quality. The air pump surface is coated with protective paint from an automated spray-painting line.

●The products have undergone strict mechanical, electrical and other performance tests, using computer-aided design software such as PROE, UG, CAD and motion simulation for direct demonstration. There are more than 100 product models to meet your various specific application requirements.

●When a frequency converter is installed directly on the motor or control cabinet, the same model of air ring pump can handle more air flow while saving energy. This is because the precise control system can always provide the exact power you need, thereby avoiding additional air consumption and greatly reducing system operating costs.

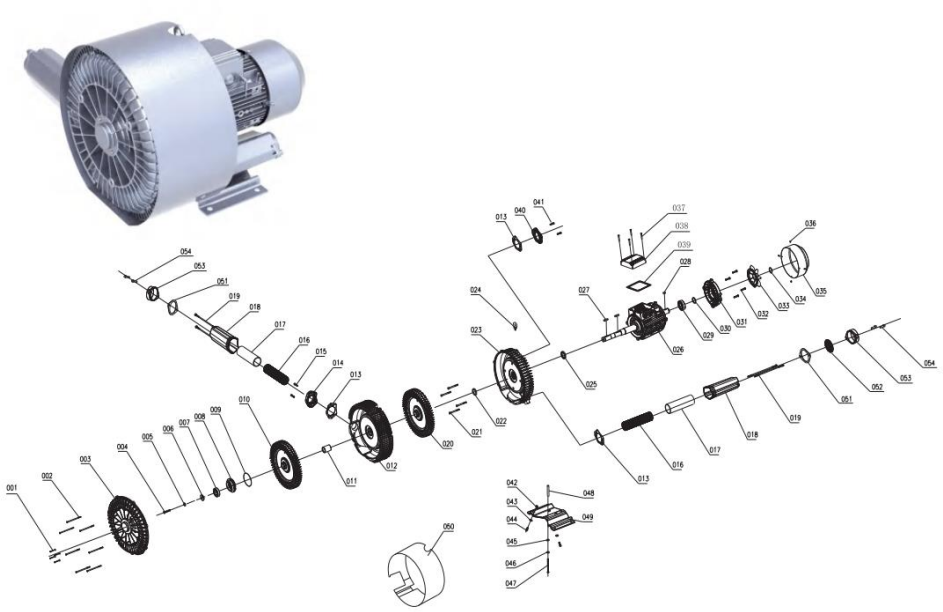
●It can be installed in any axial direction without any restrictions, which means that space requirements and installation costs can be reduced.

STRUCTURE DIAGRAM OF AIR RING PUMP (SINGLE STAGE)



No	Part Name	No	Part Name	No	Part Name
001	Screw	015	Oilseal	029	Fan Cover
002	Screw	016	Screw	030	Paper Pad
003	Pump Cover	017	The Motor Boxcover	031	Mesh Enclosure
004	Screw	018	Rubber Washer	032	Sound Proof Sponge
005	Washer	019	Flatkey	033	Muffle Tube
006	Pressure- Plate	020	Motor	034	Screw
007	Bearing	021	Flatkey	035	Support Tube
008	Fixing Base	022	Bearing	036	Screw
009	O-Ring	023	Ware Washer	037	Mounting Plate
010	Impeller	024	Motor Cover	038	Lockwasher
011	Impeller Shutter	025	Screw	039	Screw
012	Screw-Pump Casing	026	Fan	040	Washer
013	Pump Casing	027	Circlip	041	Lockwasher
014	Handring	028	Screw	042	Screw

STRUCTURE DIAGRAM OF AIR RING PUMP (DOUBLE STAGE)

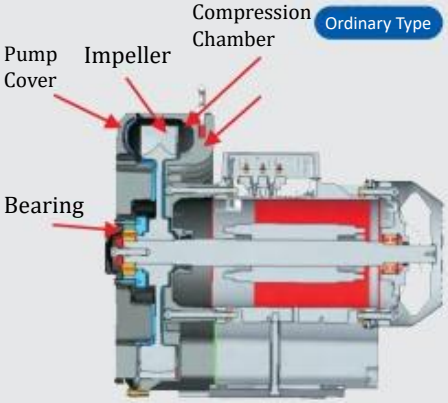


No	Part Name	No	Part Name	No	Part Name
001	Screw	019	Screw Rod	037	Screw
002	Screw	020	Impeller	038	Connection Box Cover
003	Pump Cover	021	Screw	039	Rubberpad
004	Screw	022	Battle	040	Sealing Cover
005	Washer	023	Pump Body	041	Screw
006	Pressure-Plate	024	Rings	042	Screw
007	Bearing	025	Oilseal	043	Shim
008	Fixing Base	026	Motor	044	Screw
009	O-Ring	027	Key Pin	045	Flat Pad
010	Impeller	028	Key Pin	046	Spring Pad
011	Spacer Sleeve	029	Bearing	047	Screw
012	Medium Pump Body	030	Bearing Shim	048	Supporting Rod
013	Paper Pad	031	Back Cover	049	The Base Plate
014	Transfer Interface	032	Screw	050	Enclosure
015	Screw	033	Windblade	051	Rubber Pad
016	Mesh	034	Clipspring	052	Mesh
017	Sponge	035	Wind Shield	053	Threaded Flange
018	Silencer	036	Hood Screw	054	Screw

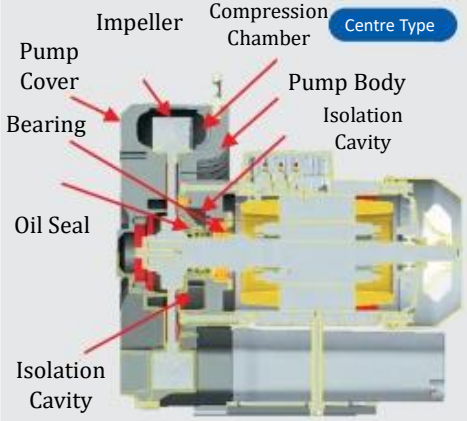
KEY POINTS OF PRODUCT IMPROVEMENT

Centre Bearing

Structural Comparison



1. The bearing is inside the compression chamber of the air ring pump and does not affect its use under normal circumstances.
2. The bearing will directly contact the transmission medium in the air ring pump cavity, which will directly affect the service life of the bearing in special environments (such as high temperature, water vapor, corrosive gas, etc.).



1. The bearings in the pump chamber are moved outside the pump chamber and isolated from the compressed gas.
2. There is an oil seal and an independent heat insulation chamber between the bearing chamber and the compression chamber to prevent corrosive gases and foreign matter from entering the bearing and heat being transferred to the bearing.

STRUCTURAL ADVANTAGES

Bearing damage is a common problem and the main failure problem of air ring pumps. If the bearings work at a stable temperature of 120° or higher for a long time, and dust enters the bearings, the frequency of bearing replacement and maintenance of ordinary structure air ring pumps is much higher.

Compared with ordinary structure air ring pumps, the bearing-centered structure has the following advantages under special working conditions:

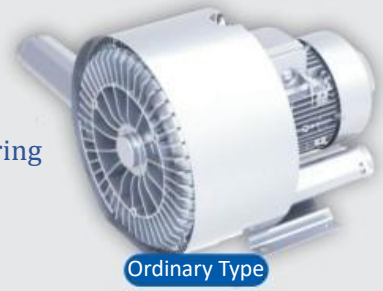
A. The bearing will not be affected by the high temperature generated by the compressed gas and the temperature rise will increase.

B. The bearings will not be interfered with by corrosive gases, dust, etc., which increases the service life of the bearings.

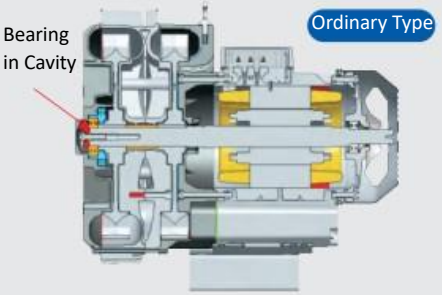
C. This mid-structure air ring pump is more durable than ordinary structure air ring pumps in special industries such as high temperatures, corrosive gases, small amounts of dust and moist gases.

D. Compared with the ordinary structure air ring pump, the center structure air ring pump bearing is not affected by environmental pollution and temperature in the cavity and has fast heat dissipation. Under normal use, it cannot reach the volatilization temperature point of the bearing grease, so the use of the bearing the service life will be greatly improved, thereby extending the service life of the air ring pump. When the ordinary structure air ring pump cannot meet the special working conditions, it is strongly recommended to use the bearing center structure.

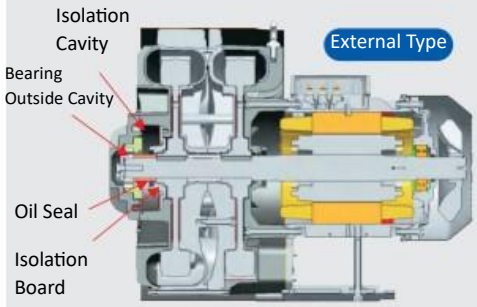
Centre Bearing



Structural Comparison



1. The bearing is inside the compression chamber of the air ring pump and does not affect its use under normal circumstances.
2. The bearing will directly contact the transmission medium in the air ring pump cavity, which will directly affect the service life of the bearing in special environments (such as high temperature, water vapor, corrosive gas, etc.).

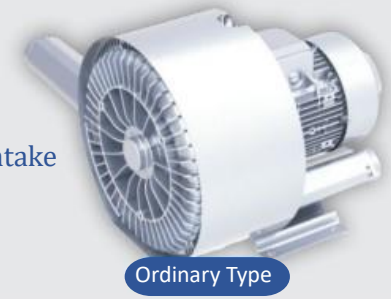


1. The bearings in the pump chamber are moved outside the pump chamber and isolated from the compressed gas.
2. There is an oil seal and an independent heat insulation chamber between the bearing chamber and the compression chamber to prevent corrosive gases and foreign matter from entering the bearing and heat being transferred to the bearing.

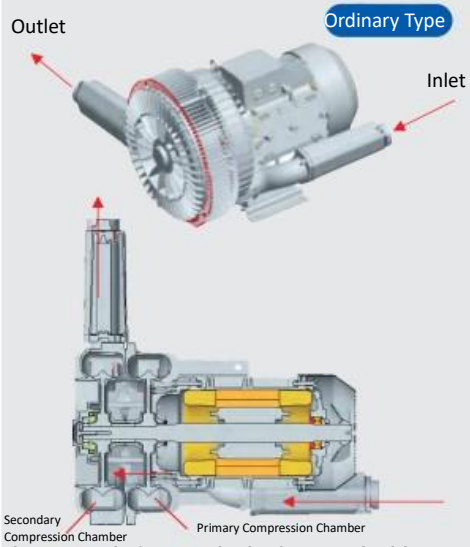
Description of Structural Advantages

Bearing damage is a common problem and main failure problem of fans. If the bearings work at a stable temperature of 120° or higher for a long time, and dust enters the bearings, the frequency of bearing replacement and maintenance of ordinary structure fans is much higher.
Compared with ordinary structure air ring pumps, the external bearing structure has the following advantages under special working conditions:
a. The temperature resistance effect is better. The external structure of the bearing can open holes and grooves in the bearing cavity to allow air convection. The heat dissipation effect is better, and the service life of the bearing is longer.
b. The corrosion resistance effect is better. The external bearing structure of the bearing is in a separate isolation cavity, so the bearing will not be interfered by corrosive gases, dust and other foreign matter, and the bearing service life will be longer.
c. The water vapor resistance effect is better. The external bearing structure of the bearing is in a separate isolation cavity, so the bearing will not be interfered by water vapor and the service life of the bearing will be longer.
d. The external bearing structure is more convenient for maintenance. This type of air ring pump with external bearing structure does not need to disassemble the pump cover when replacing the front bearing. You only need to remove the small end of the front end of the pump cover then the bearings can be replaced by simply removing the cover.
When the ordinary structure air ring pump cannot meet the special working conditions, it is strongly recommended to use the bearing external structure air ring pump.

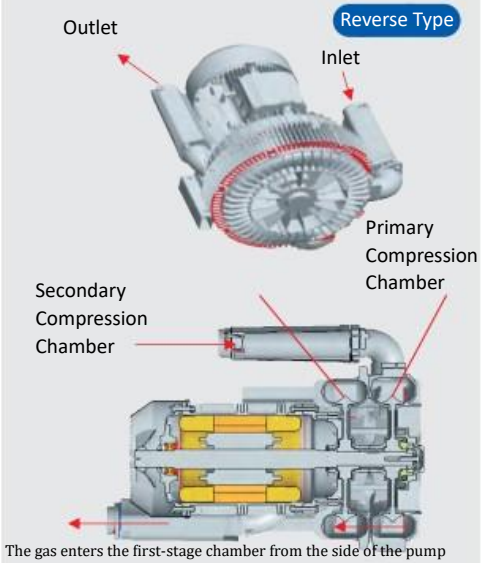
Reverse Air Intake



Airflow Comparison



The air enters the first-stage chamber from one side of the pump body and is compressed once with a lower temperature. Then it enters the second-stage compression chamber and is compressed once, with a higher temperature. Finally, it is discharged from the side of the pump body in the second-stage chamber.



The gas enters the first-stage chamber from the side of the pump cover and is compressed once with a lower temperature. Then it enters the second-stage compression chamber and is compressed once, with a higher temperature. Finally, it is discharged from the side of the pump body of the second-stage chamber.

Description of Structural Advantages

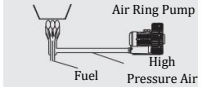
Compared with ordinary structures, reverse air intake has the following advantages:
a. Compared with the ordinary structure air ring pump, the reverse inlet air enters the first-stage cavity on the side of the pump cover first, so the temperature rise in the first-stage cavity on the side of the pump cover is lower, and the service life of the bearing is longer.

b. Compared with the ordinary structure of an air ring pump, in a special installation environment, the pipeline connecting the air ring pump can be avoided to be too long, making the installation more convenient and making the overall equipment more refined.

INDUSTRIAL APPLICATION CASES (AIR SUPPLY)

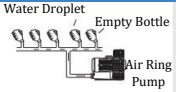
air supply | deliver | blow-dry | air mattress | dry

Heavy Oil Ignition



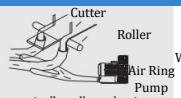
Sufficient air volume (2000 mmaq) reduces dependence on compressor

Blow-drying Bottle Washing Machine



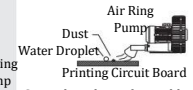
Empty beverage bottles are washed and dried, suitable for the food industry

Paper and Cloth Blower



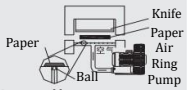
Automatically collect plastic, cloth, paper, etc. After trimming

Air Knife for Drying



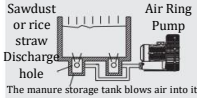
Circuit boards use fans to blow out tiny dust and debris

Cutting Machine Air Cushion



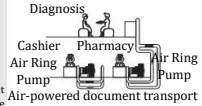
Increased buoyancy, easy to move

Manure Storage Fermentation and Aeration



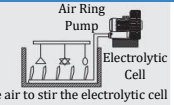
The manure storage tank blows air into it to increase oxygenation and increase the contact area. It is also suitable for sewage treatment.

Medical Record Delivery



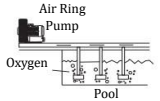
Air-powered document transport is both fast and accurate

Electrolyte Stirring



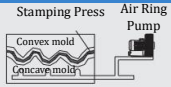
Use air to stir the electrolytic cell to make electroplating rapid and the effect uniform

Breeding Pond Air Supply



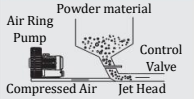
For oxygen supply in water

Punching Machine



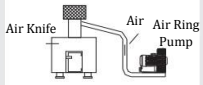
Helps remove stamped parts

Powder Conveying



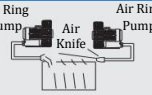
Transportation of raw materials such as powders and granules

Incinerator



Combustion-supporting air and exhaust gas removal

Flue Gas Blowing



Allow the dissipated smoke to be discharged quickly to avoid causing pollution

Car Wash and Drying

Blow-dry after washing in car wash machine

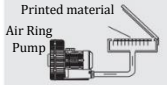
Printing Ink Dryer

Make ink dry quickly

INDUSTRIAL APPLICATION CASES (SUCTION)

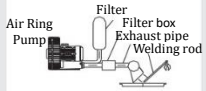
suction air | suction material | vacuum | absorption

Screen Printing Machine Suction



Use suction pressure to fix to facilitate printing operations

Welding Waste Gas Absorption

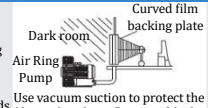


Smoke and dust generated during welding can be discharged elsewhere by vacuum to protect the operator's health

Silk Suction Loom

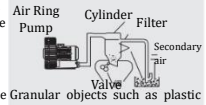
Absorb moisture and fix threads to improve quality and efficiency

Photoengraving



Use vacuum suction to protect the film and make it flat, suitable for the photographic platemaking industry

Powder and Granule Transportation

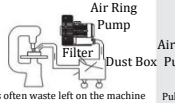


Granular objects such as plastic raw materials are transported by suction and blowing

Print Adsorption

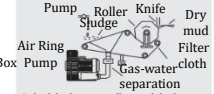
Vacuum suction printing or paper towel forming transfer

Industrial Vacuum



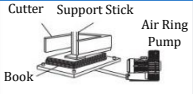
There is often waste left on the machine in the factory, which can be collected by suction

Vacuum Dehydration



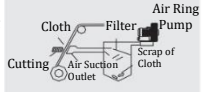
Pulp dehydration, pollution dehydration, cloth dehydration, etc

Book Making Machine



Stables and holds during book cutting

Disposal of Scrap Cloth



Cloth cutting process

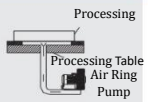
Carton Milk Filling Machine

Milk carton filling using vacuum suction

Tofu Making Machine

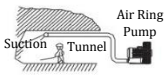
Attract soybeans and transport them to the cleaning tank for washing and use

Maintenance of Processed Products



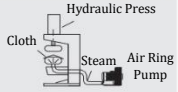
For fixing non-magnetic objects such as wooden boards and plastics

Fortification Site



Local removal of dust and toxic gas generated in tunnels and small construction sites

Ironing Machine



Release steam when ironing cloth

PROVIDE VARIOUS RING PUMP SOLUTIONS

Explosion-proof, Dust-proof, Anticorrosion and Sealing

High Temperature Resistant Fans and Accessories

INDUSTRY APPLICATION

- Food Industry
- Environmental Protection
- Automotive Industry
- Electroplating Industry
- Aquaculture Industry
- Industrial Dust Collection
- Packaging Machinery
- Printing Machinery Industry
- Plastics Industry
- Chemical Industry
- Mechanical Equipment
- Pharmacy
- Medical Care
- Electronics
- Agriculture
- Spin
- Ships and Railways
- Aerospace Engineering

CONVERSION TABLE

Air Volume		
The initial unit	Conversion Constant	Target Unit
l/min	0.06	m^3/h
gal/min	0.227	m^3/h
ft^3/min (cfm)	1.699	m^3/h
m^3/h	16.667	l/min
m^3/h	4.403	gal/min
m^3/h	0.588	ft^3/min(cfm)

Pressure		
The initial unit	Conversion Constant	Target Unit
Pa	0.01	mbar
hpa	1.0	mbar
kpa	10.0	mbar
mmH20(mmAq)	0.098	mbar
mH20	98.07	mbar
at	980.7	mbar
inch H20	2.491	mbar
PSIlpdf/in2	68.948	mbar

ABSOLUTE PRESSURE

A measurement using the absolute pressure in vacuum (zero) as reference, the absolute pressure will be greater than the reference value.

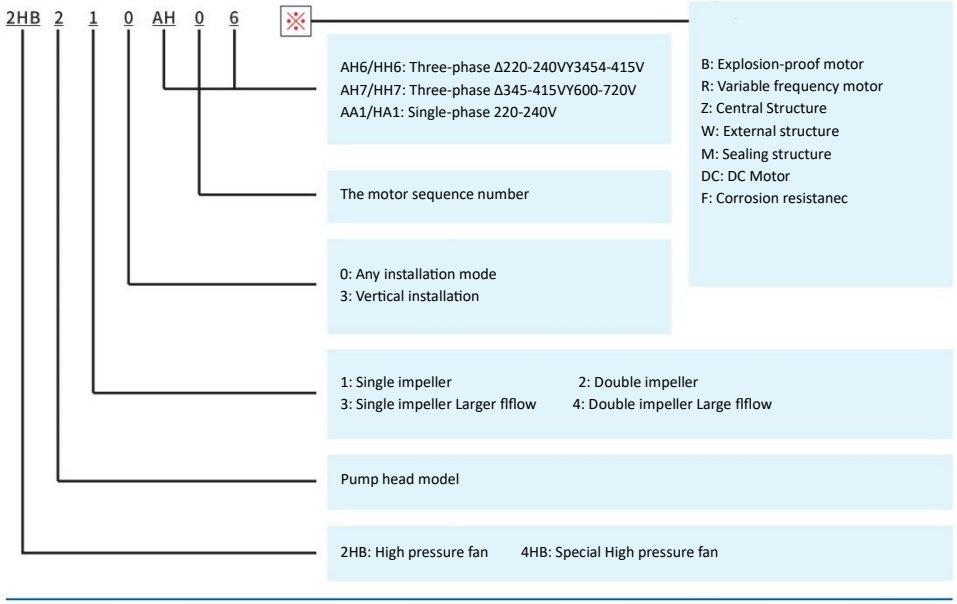
GAUGE PRESSURE

A measurement using the standard atmospheric pressure value as reference, the actual measured value will be larger than the atmospheric pressure.

VACUUM DEGREE

A value that is lower than the atmospheric pressure which is the benchmark for the measurement.

MODEL DESCRIPTION



PRODUCT DISPLAY

2HB 1AC

2HB 1AC performance parameter

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(2HB-1AC-220V) Model	Motor rated parameters									
	single	frequency	power	voltage	current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V	A	m3/h	mbar	mbar	dB(A)	Kg
2HB210-AA11	single	50	0.4	220	2.7	80	-110	110	53	11
		60	0.5	220	3.0	96	-130	140	56	
2HB310-AA01	single	50	0.55	220	3.7	100	-120	120	55	13
		60	0.63	220	4.5	120	-130	150	57	
2HB310-AA11	single	50	0.7	220	4.5	100	-150	150	55	14
		60	0.83	220	5.6	120	-150	160	57	
2HB410-AA01	single	50	0.7	220	4.5	145	-120	120	63	15
		60	0.83	220	5.6	175	-130	130	64	
2HB410-AA11	single	50	0.85	220	5.5	145	-150	160	63	16
		60	0.95	220	6.1	175	-160	140	64	
2HB410-AA21	single	50	1.3	220	7.8	145	-150	190	64	17
		60	1.5	220	8.8	175	-180	190	65	
2HB510-AA11	single	50	1.3	220	7.8	210	-160	160	64	21
		60	1.5	220	8.8	255	-150	160	70	
2HB510-AA21	single	50	1.5	220	10.4	210	-190	200	64	24
		60	1.75	220	11.2	255	-180	180	70	
2HB510-AA31	single	50	2.2	220	12.8	210	-220	210	64	26
		60	2.55	220	12.8	255	-210	200	70	
2HB610-AA11	single	50	2.2	220	12.8	270	-230	250	64	28
		60	2.55	220	12.8	315	-250	270	70	
2HB710-AA11	single	50	2.2	220	12.8	318	-190	190	72	30
		60	2.55	220	12.8	376	-190	200	74	
2HB220-HA21	double	50	0.7	220	4.5	88	-210	240	55	16
		60	0.83	220	5.6	103	-250	250	61	
2HB320-HA31	double	50	1.3	220	7.6	120	-240	280	58	17
		60	1.5	220	8.8	145	-230	260	60	
2HB420-HA31	double	50	1.5	220	10.4	150	-280	290	66	26
		60	1.75	220	11.2	180	-250	280	69	
2HB520-HA31	double	50	2.2	220	12.8	230	-280	350	72	35
		60	2.55	220	12.8	275	-330	320	74	
2HB230-AA11	single	50	0.4	220	2.7	100	-110	110	54	11
		60	0.5	220	3.0	120	-130	140	57	
2HB330-AA01	single	50	0.55	220	3.7	140	-60	60	56	13
		60	0.63	220	4.5	165	-50	50	58	
2HB330-AA11	single	50	0.7	220	4.5	140	-100	100	56	14
		60	0.83	220	5.8	165	-120	100	58	
2HB430-AA11	single	50	0.85	220	5.5	180	-100	110	63	17
		60	0.95	220	6.1	210	-100	110	64	
2HB430-AA21	single	50	1.3	220	7.8	180	-150	130	64	18
		60	1.5	220	8.8	210	-140	130	66	
2HB530-AA11	single	50	1.3	220	7.8	270	-120	110	65	24
		60	1.5	220	8.8	330	-90	80	71	
2HB530-AA21	single	50	1.5	220	10.4	270	-150	140	65	26
		60	1.75	220	11.2	330	-140	110	71	
2HB530-AA31	single	50	2.2	220	12.8	270	-220	230	65	28
		60	2.55	220	12.8	330	-260	250	71	

Installation dimensions of the same type 1AC and 3AC are the same.Just check the installation dimensions of 3AC

2HB

2HB single-phase curve

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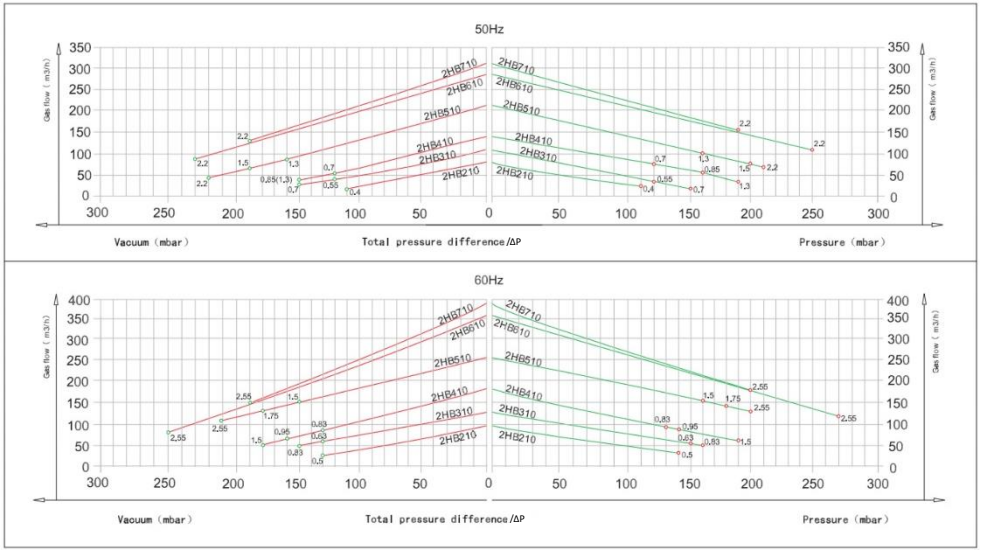
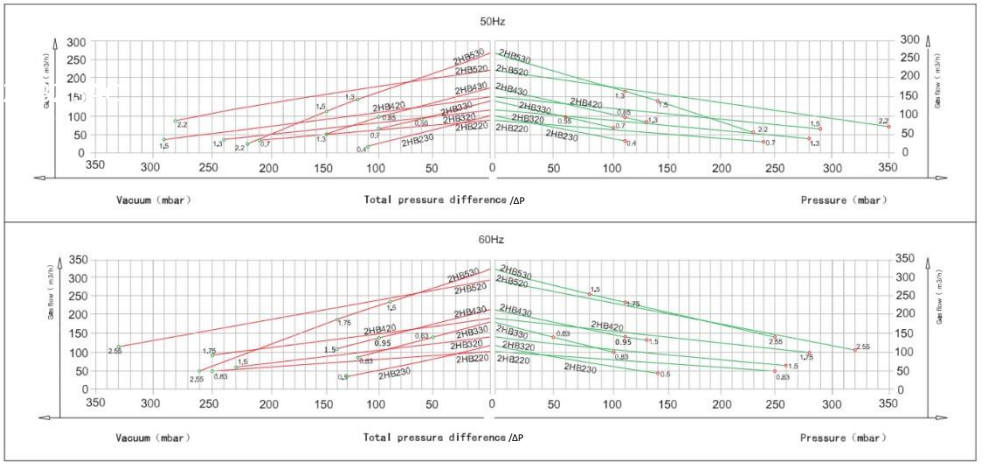


2HB

2HB SINGLE-PHASE CURVE



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25°C。

2HB2 3AC

2HB3AC fan parameter curve

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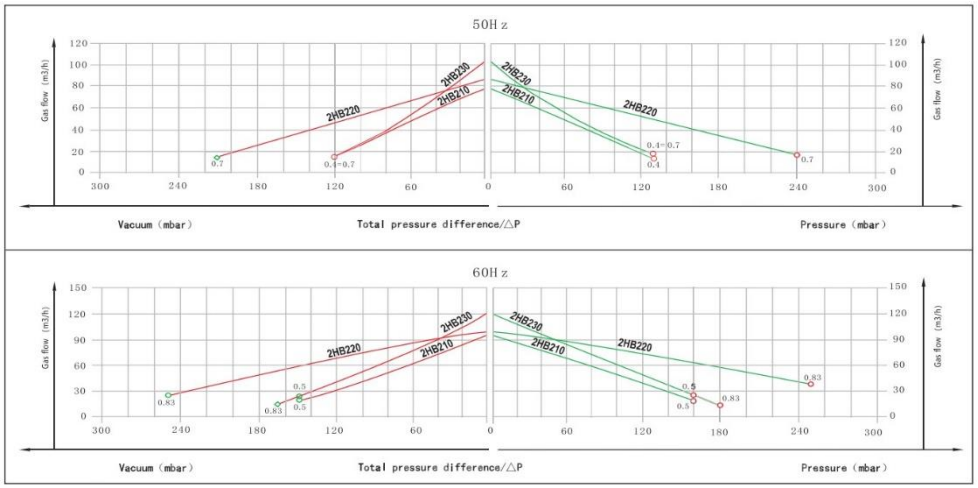
PARAMETERS

(2HB2-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V		A	m³/h	mbar	mbar	dB(A)	Kg
· 2HB210-AH16	single	50	0.4	200-240△	345-415Y	2.6△/1.5Y	80	-120	130	53	10
		60	0.5	220-275△	380-480Y	2.6△/1.5Y	98	-150	160	53	
· 2HB220-HH26	double	50	0.7	200-240△	345-415Y	3.8△/2.2Y	85	-210	240	55	15
		60	0.83	220-275△	380-480Y	3.75△/2.15Y	102	-250	250	61	
· 2HB230-AH16	single	50	0.4	200-240△	345-415Y	2.6△/1.5Y	105	-120	130	54	11
		60	0.5	220-275△	380-480Y	2.6△/1.5Y	120	-150	160	57	
· 2HB230-AH26	single	50	0.7	200-240△	345-415Y	3.8△/2.2Y	105	-120	130	54	12
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	120	-170	180	57	

CURVES



The performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25℃。

2HB210/230

2HB210/230 Single stage mounting dimensions

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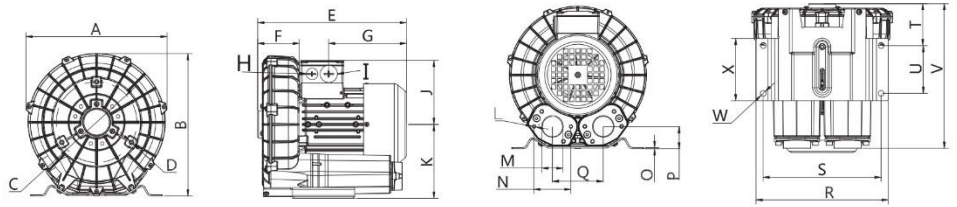
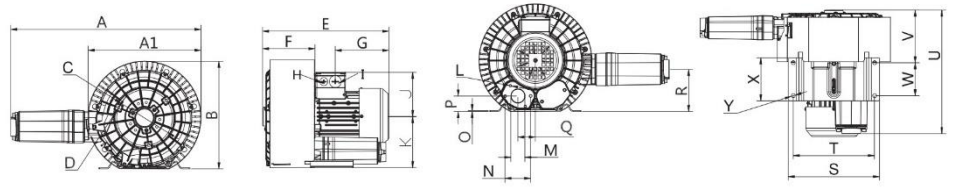


Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB210-AH16	3~	245	247	140	M6X15	258	72	135	M16X1.5	M25X1.5	111	128	M6X17	G1.25	64	2.5	39	88	230	205	73	83	251	10	108
2HB230-AH16	3~	245	247	140	M6X15	267	81	135	M16X1.5	M25X1.5	111	128	M6X17	G1.25	64	2.5	39	88	230	205	81	83	260	10	108
2HB230-AH26	3~	245	247	140	M6X15	267	81	135	M16X1.5	M25X1.5	111	128	M6X17	G1.25	64	2.5	39	88	230	205	81	83	260	10	108
2HB210-AA11	1~	245	247	140	M6X15	258	72	135	M16X1.5	M25X1.5	111	128	M6X17	G1.25	64	2.5	39	88	230	205	73	83	251	10	108
2HB230-AA11	1~	245	247	140	M6X15	267	81	135	M16X1.5	M25X1.5	111	128	M6X17	G1.25	64	2.5	39	88	230	205	81	83	260	10	108

2HB220

2HB220 Double stage mounting dimensions



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2HB220-HH26	3~	479	284	270	140	M6X15	318	132	135	M16X1.5	M25X1.5	111	128	M6X17	G1.25	64	2.5	39	44	106	230	205	311	133	83	108	10
2HB220-HA21	1~	479	284	270	140	M6X15	318	132	135	M16X1.5	M25X1.5	111	128	M6X17	G1.25	64	2.5	39	44	106	230	205	311	133	83	108	10

2HB3 3AC

2HB3 3AC Performance parameter/curves of blower

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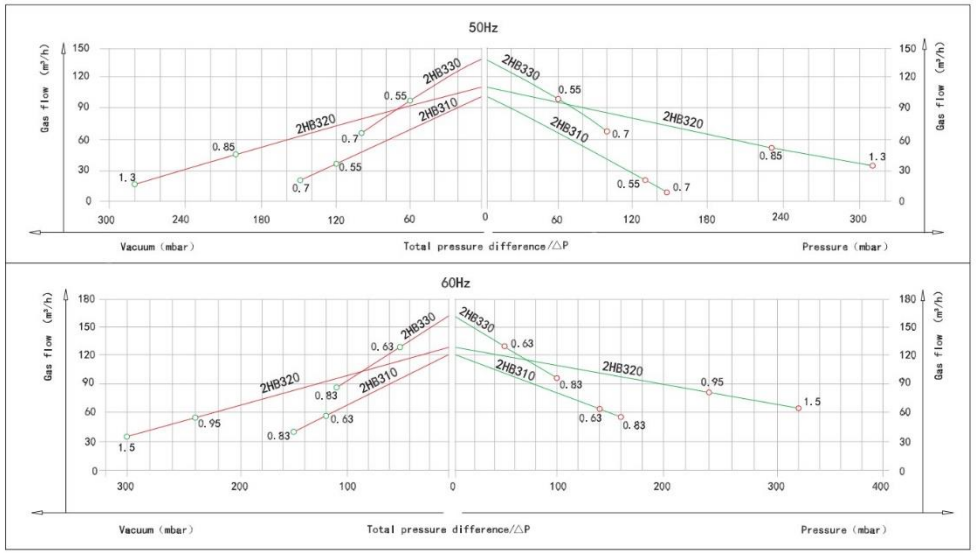
PARAMETERS

(2HB3-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
2HB310-AH06	single	50	0.55	200-240△	345-415Y	2.8△/1.6Y	100	-120	130	55	11
		60	0.63	220-275△	380-480Y	3.0△/1.7Y	120	-120	140	57	
2HB310-AH16	single	50	0.7	200-240△	345-415Y	3.8△/2.2Y	100	-150	150	55	12
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	120	-150	160	57	
2HB330-AH06	single	50	0.55	200-240△	345-415Y	2.8△/1.6Y	140	-60	60	56	12
		60	0.63	220-275△	380-480Y	3.0△/1.7Y	165	-50	50	58	
2HB330-AH16	single	50	0.7	200-240△	345-415Y	3.8△/2.2Y	140	-100	100	56	13
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	165	-110	100	58	
2HB320-HH26	double	50	0.85	200-240△	345-415Y	4.2△/2.4Y	110	-200	230	58	17
		60	0.95	220-275△	380-480Y	4.0△/2.3Y	130	-240	240	60	
2HB320-HH36	double	50	1.3	200-240△	345-415Y	5.7△/3.3Y	110	-280	310	58	18
		60	1.5	220-275△	380-480Y	6.0△/3.5Y	130	-300	320	60	

CURVES



The performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25℃。

2HB310/330

2HB310/330 Single stage mounting dimensions

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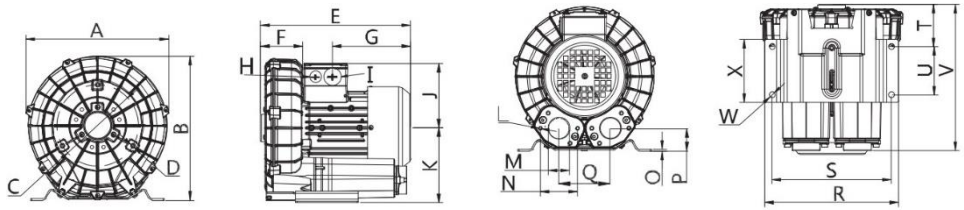
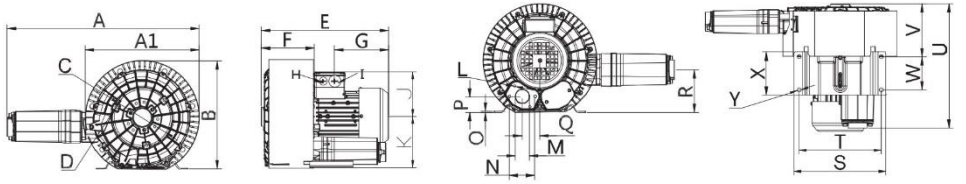


Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	0	P	Q	R	S	T	U	V	W	X
2HB310-AH06	3～	267	271	160	M6X15	261	75	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	69	83	254	10	108
2HB310-AH16	3～	267	271	160	M6X15	261	75	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	69	83	254	10	108
2HB330-AH06	3～	267	271	160	M6X15	276	90	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	84	83	269	10	108
2HB330-AH16	3～	267	271	160	M6X15	276	90	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	84	83	269	10	108
2HB310-AA01	1～	267	271	160	M6X15	261	75	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	69	83	254	10	108
2HB310-AA11	1～	267	271	160	M6X15	261	75	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	69	83	254	10	108
2HB330-AA01	1～	267	271	160	M6X15	276	90	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	84	83	269	10	108
2HB330-AA11	1～	267	271	160	M6X15	276	90	135	M16X1.5	M25X1.5	111	140	M6X17	G1.25	64	2.5	40	93	230	205	84	83	269	10	108

2HB320

2HB320 Double stage mounting dimensions



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	0	P	Q	R	S	T	U	V	W	X	Y
2HB320-HH26	3～	492	296	289	160	M6X15	354	144	159	M16X1.5	M25X1.5	120	140	M6X17	G1.25	64	2.5	40	46	106	230	205	323	138	83	108	10
2HB320-HH36	3～	492	296	289	160	M6X15	354	144	159	M16X1.5	M25X1.5	120	140	M6X17	G1.25	64	2.5	40	46	106	230	205	323	138	83	108	10
2HB320-HA31	1～	492	296	289	160	M6X15	354	144	159	M16X1.5	M25X1.5	120	140	M6X17	G1.25	64	2.5	40	46	106	230	205	323	138	83	108	10

2HB4 3AC

2HB4 3AC Performance parameters/curves of blower

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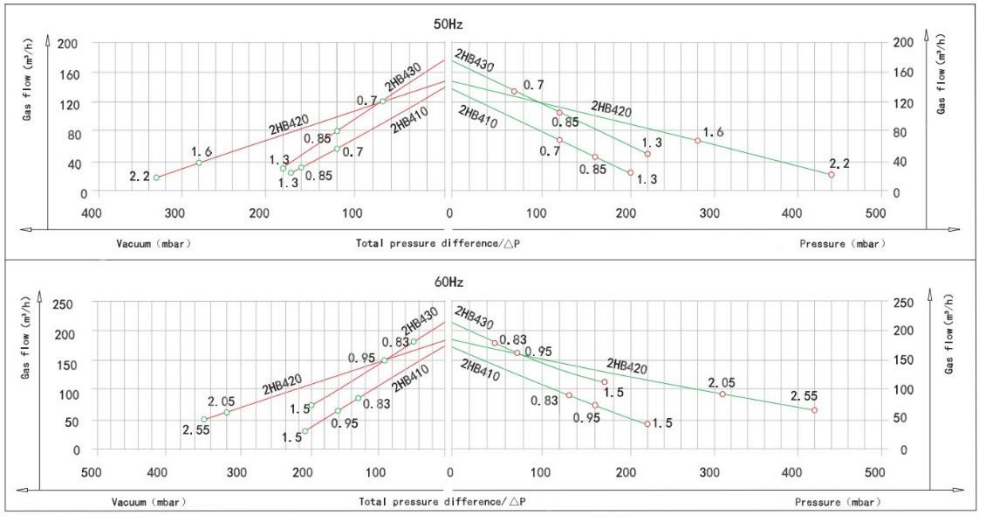
PARAMETERS

(2HB4-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max ai rflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
2HB410-AH06	single	50	0.7	200-240△	345-415Y	3.8△/2.2Y	145	-120	120	63	15
		60	0.83	220-275△	380-480Y	3.75△/2.15Y	175	-130	130	64	
2HB410-AH16	single	50	0.85	200-240△	345-415Y	4.0△/2.3Y	145	-160	160	63	17
		60	0.95	220-275△	380-480Y	3.85△/2.25Y	175	-160	160	64	
2HB410-AH26	single	50	1.3	200-240△	345-415Y	5.7△/3.3Y	145	-170	200	63	18
		60	1.5	220-275△	380-480Y	6.0△/3.5Y	175	-210	220	64	
2HB430-AH06	single	50	0.7	200-240△	345-415Y	3.8△/2.2Y	180	-70	70	64	14
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	210	-50	50	65	
2HB430-AH16	single	50	0.85	200-240△	345-415Y	4.2△/2.4Y	180	-120	120	64	17
		60	0.95	220-275△	380-480Y	4.0△/2.3Y	210	-90	70	65	
2HB430-AH26	single	50	1.3	200-240△	345-415Y	6.6△/3.8Y	180	-180	220	64	18
		60	1.5	220-275△	380-480Y	6.9△/4.0Y	210	-200	170	65	
2HB420-HH36	double	50	1.6	200-240△	345-415Y	7.5△/4.3Y	150	-280	280	66	25
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	180	-320	310	69	
2HB420-HH46	double	50	2.2	200-240△	345-415Y	9.7△/5.6Y	150	-330	440	66	27
		60	2.55	220-275△	380-480Y	10△/5.8Y	180	-350	420	69	

CURVES



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%.
The total pressure differences are valid up to an intake and ambient temperature of 25°C.

2HB410/430

2HB410/430 Single stage mounting dimensions

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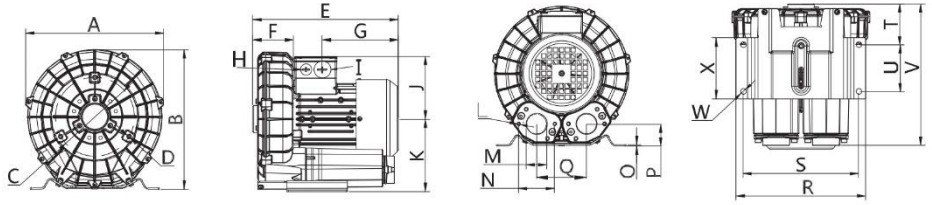
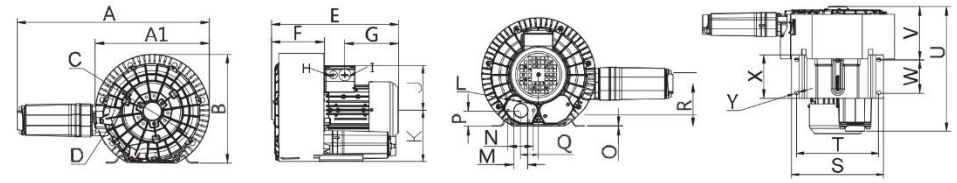


Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB410-AH06	3~	286	302	174	M6X15	269	81	135	M16X1.5	M25X1.5	111	154	M6X17	G1.5	72	3	46	114	255	225	75	95	261	12	136
2HB410-AH16	3~	286	302	174	M6X15	294	81	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	75	95	261	12	136
2HB410-AH26	3~	286	302	174	M6X15	294	81	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	75	95	261	12	136
2HB430-AH06	3~	286	302	174	M6X15	284	96	135	M16X1.5	M25X1.5	111	154	M6X17	G1.5	72	3	46	114	255	225	91	95	276	12	136
2HB430-AH16	3~	286	302	174	M6X15	309	96	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	91	95	276	12	136
2HB430-AH26	3~	286	302	174	M6X15	309	96	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	91	95	276	12	136
2HB410-AA01	1~	286	302	174	M6X15	269	81	135	M16X1.5	M25X1.5	111	154	M6X17	G1.5	72	3	46	114	255	225	75	95	261	12	136
2HB410-AA11	1~	286	302	174	M6X15	294	81	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	75	95	261	12	136
2HB410-AA21	1~	286	3D2	174	M6X15	294	81	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	75	95	261	12	136
2HB430-AA11	1~	286	302	174	M6X15	309	96	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	91	95	276	12	136
2HB430-AA21	1~	286	302	174	M6X15	309	96	159	M16X1.5	M25X1.5	120	154	M6X17	G1.5	72	3	46	114	255	225	91	95	276	12	136

2HB420

2HB420 Double stage mounting dimensions



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2HB420-HH36	3~	503	317	315	174	M6X15	401	158	191	M16X1.5	M25X1.5	128	154	M6X17	G1.5	72	3	46	57	153	255	225	337	150	95	136	12
2HB420-HH46	3~	503	317	315	174	M6X15	401	158	191	M16X1.5	M25X1.5	128	154	M6X17	G1.5	72	3	46	57	153	255	225	337	150	95	136	12
2HB420-HA31	1~	503	317	315	174	M6X15	401	158	191	M16X1.5	M25X1.5	128	154	M6X17	G1.5	72	3	46	57	153	255	225	337	150	95	136	12
2HB420-HA41	1~	503	317	315	174	M6X15	401	158	191	M16X1.5	M25X1.5	128	154	M6X17	G1.5	72	3	46	57	153	255	225	337	150	95	136	12

2HB5 3AC

2HB5 3AC Performance parameters/curves of blower

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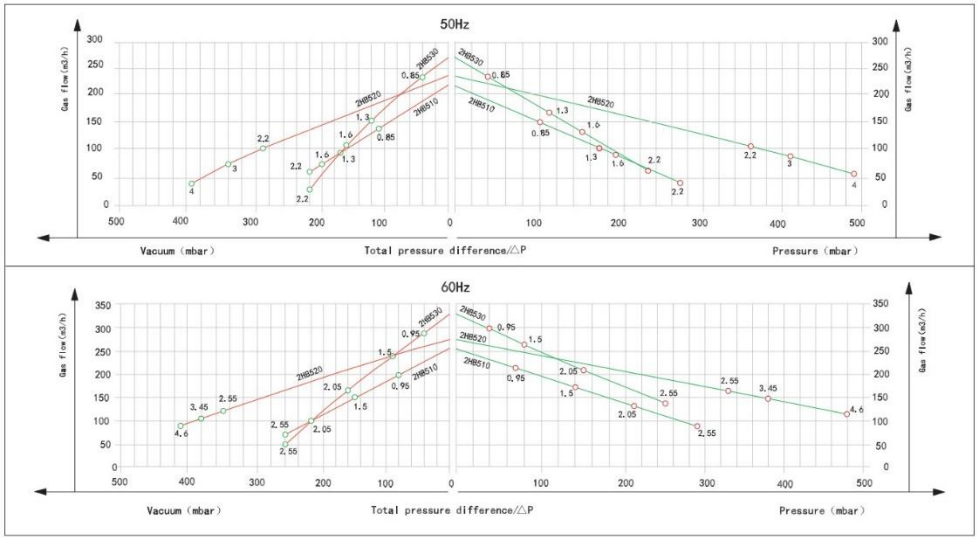
PARAMETERS

(2HB5-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
2HB510-AH06	single	50	0.85	200-240△	345-415Y	4.2△/2.3Y	210	-110	100	64	20
		60	0.95	220-275△	380-480Y	4.0△/2.3Y	255	-80	70	70	
2HB510-AH16	single	50	1.3	200-240△	345-415Y	6.6△/3.8Y	210	-170	170	64	22
		60	1.5	220-275△	380-480Y	6.9△/4.0Y	255	-150	140	70	
2HB510-AH26	single	50	1.6	200-240△	345-415Y	7.5△/4.3Y	210	-200	190	64	23
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	255	-220	210	70	
2HB510-AH36	single	50	2.2	200-240△	345-415Y	9.7△/5.6Y	210	-220	270	64	26
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	255	-260	290	70	
2HB530-AH06	single	50	0.85	200-240△	345-415Y	4.0△/2.3Y	270	-40	40	65	21
		60	0.95	220-275△	380-480Y	4.2△/2.4Y	330	-40	40	70	
2HB530-AH16	single	50	1.3	200-240△	345-415Y	6.6△/3.8Y	270	-120	110	65	23
		60	1.5	220-275△	380-480Y	6.9△/4.0Y	330	-90	80	70	
2HB530-AH26	single	50	1.6	200-240△	345-415Y	7.5△/4.3Y	270	-160	150	65	24
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	330	-160	150	70	
2HB530-AH36	single	50	2.2	200-240△	345-415Y	9.7△/5.6Y	270	-220	230	65	26
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	330	-260	250	71	
2HB520-HH36	double	50	2.2	200-240△	345-415Y	9.7△/5.6Y	230	-290	360	72	35
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	275	-350	330	74	
2HB520-HH46	double	50	3	200-240△	345-415Y	12.5△/7.2Y	230	-340	410	72	40
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	275	-380	380	74	
2HB520-HH57	double	50	4	345-415△	600-720Y	10△/5.8Y	230	-390	490	72	41
		60	4.6	380-480△	660-720Y	9.9△/5.71Y	275	-410	480	74	

CURVES



The performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25℃。

2HB510/530

2HB510/530 Single stage mounting dimensions

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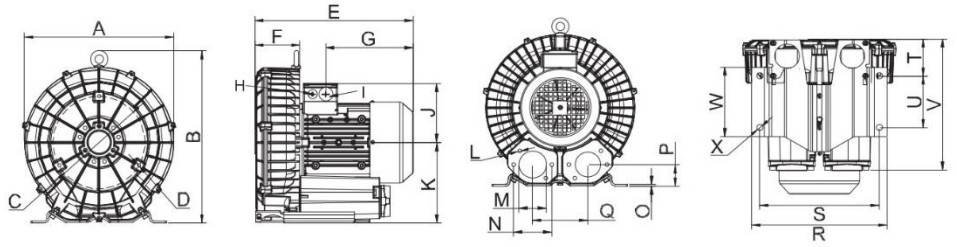
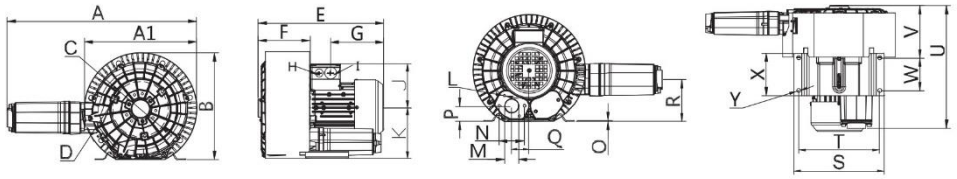


Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB510-AH06	3～	334	374	200	M8X20	314	98	159	M16X1.5	M25X1.5	120	175	M8X17	G2	83	4	48	120	295	260	82	115	293	155	14
2HB510-AH16	3～	334	374	200	M8X20	314	98	159	M16X1.5	M25X1.5	120	175	M8X17	G2	83	4	48	120	295	260	82	115	293	155	14
2HB510-AH26	3～	334	374	200	M8X20	345	98	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	82	115	293	155	14
2HB510-AH36	3～	334	374	200	M8X20	345	98	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	82	115	293	155	14
2HB530-AH06	3～	334	374	200	M8X20	334	118	159	M16X1.5	M25X1.5	120	175	M8X17	G2	83	4	48	120	295	260	101	115	314	155	14
2HB530-AH16	3～	334	374	200	M8X20	334	118	159	M16X1.5	M25X1.5	120	175	M8X17	G2	83	4	48	120	295	260	101	115	314	155	14
2HB530-AH26	3～	334	374	200	M8X20	365	118	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	101	115	314	155	14
2HB530-AH36	3～	334	374	200	M8X20	365	118	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	101	115	314	155	14
2HB510-AA11	1～	334	374	200	M8X20	314	98	159	M16X1.5	M25X1.5	120	175	M8X17	G2	83	4	48	120	295	260	82	115	293	155	14
2HB510-AA21	1～	334	374	200	M8X20	345	98	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	82	115	293	155	14
2HB510-AA31	1～	334	374	200	M8X20	345	98	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	82	115	293	155	14
2HB530-AA11	1～	334	374	200	M8X20	334	118	159	M16X1.5	M25X1.5	120	175	M8X17	G2	83	4	48	120	295	260	101	115	314	155	14
2HB530-AA21	1～	334	374	200	M8X20	365	118	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	101	115	314	155	14
2HB530-AA31	1～	334	374	200	M8X20	365	118	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	120	295	260	101	115	314	155	14

2HB520

2HB520 Double stage mounting dimensions



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2HB520-HH36	3～	594	370	374	200	M8X20	430	183	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	60	144	295	260	379	171	115	155	14
2HB520-HH46	3～	594	370	374	200	M8X20	462	183	188	M32X1.5	M32X1.5	135	175	M8X17	G2	83	4	48	60	144	295	260	379	171	115	155	14
2HB520-HH57	3～	594	370	374	200	M8X20	499	183	225	M32X1.5	M32X1.5	135	175	M8X17	G2	83	4	48	60	144	295	260	379	171	115	155	14
2HB520-HA31	1～	594	370	374	200	M8X20	430	183	191	M16X1.5	M25X1.5	128	175	M8X17	G2	83	4	48	60	144	295	260	379	171	115	155	14

2HB6 3AC

2HB6 3AC Performance parameters/curves of blower

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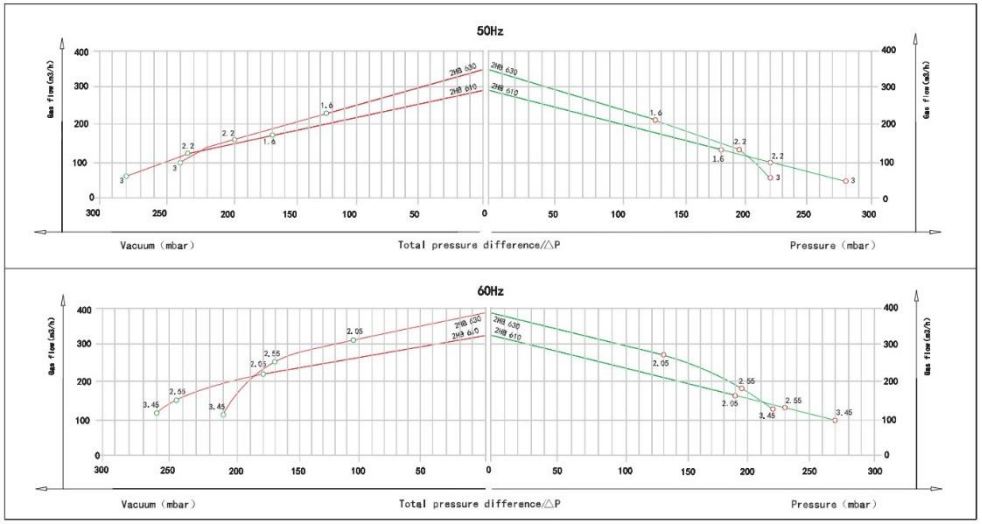
PARAMETERS

(2HB6-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
2HB610-AH06	single	50	1.6	200-240△	345-415Y	8.5△/4.9Y	265	-170	180	67	24
		60	2.05	220-275△	380-480Y	8.8△/5.5Y	315	-180	190	70	
2HB610-AH16	single	50	2.2	200-240△	345-415Y	9.7△/5.6Y	265	-235	220	67	27
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	315	-245	230	70	
2HB610-AH26	single	50	3	200-240△	345-415Y	12.5△/7.2Y	265	-280	280	69	32
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	315	-260	270	78	
2HB630-AH06	single	50	1.6	200-240△	345-415Y	8.5△/4.9Y	345	-125	125	70	26
		60	2.05	220-275△	380-480Y	8.8△/5.5Y	415	-105	130	73	
2HB630-AH16	single	50	2.2	200-240△	345T15Y	9.7△/5.6Y	345	-200	195	70	29
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	415	-170	195	73	
2HB630-AH26	single	50	3	200-240△	345-415Y	12.5△/7. 2Y	345	-240	220	70	35
		60	3.45	220-275△	380-480Y	12.6△/7. 3Y	415	-210	220	73	

CURVES



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25°C。

2HB610/630

2HB610/630 Single stage mounting dimensions

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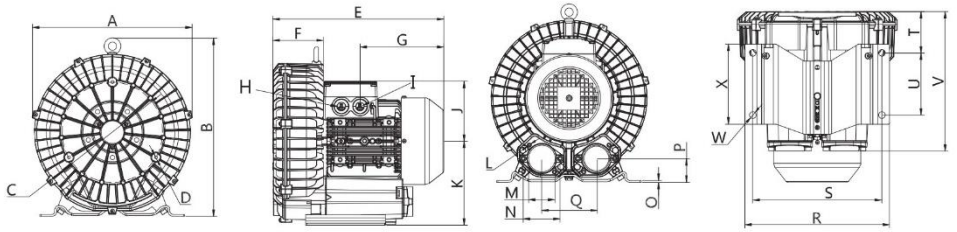

Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB610-AH06	3～	359	410	226	M8X20	353	114	191	M16X1.5	M25X1.5	128	189	M8X17	G2	83	4.5	53	122	325	290	93	140	314	15	180
2HB610-AH16	3～	359	410	226	M8X20	353	114	191	M16X1.5	M25X1.5	128	189	M8X17	G2	83	4.5	53	122	325	290	93	140	314	15	180
2HB610-AH26	3～	359	410	226	M8X20	384	114	188	M32X1.5	M32X1.5	135	189	M8X17	G2	83	4.5	53	122	325	290	93	140	314	15	180
2HB630-AH06	3～	359	410	226	M8X20	372	132	191	M16X1.5	M25X1.5	128	189	M8X17	G2	83	4.5	53	122	325	290	111	140	332	15	180
2HB630-AH16	3～	359	410	226	M8X20	372	132	191	M16X1.5	M25X1.5	128	189	M8X17	G2	83	4.5	53	122	325	290	111	140	332	15	180
2HB630-AH26	3～	359	410	226	M8X20	402	132	188	M32X1.5	M32X1.5	135	189	M8X17	G2	83	4.5	53	122	325	290	111	140	332	15	180
2HB610-AA11	1～	359	410	226	M8X20	380	114	191	M16X1.5	M25X1.5	128	189	M8X17	G2	83	4.5	53	122	325	290	93	140	314	15	180

2HB7 3AC

2HB7 3AC Performance parameters/curves of blower

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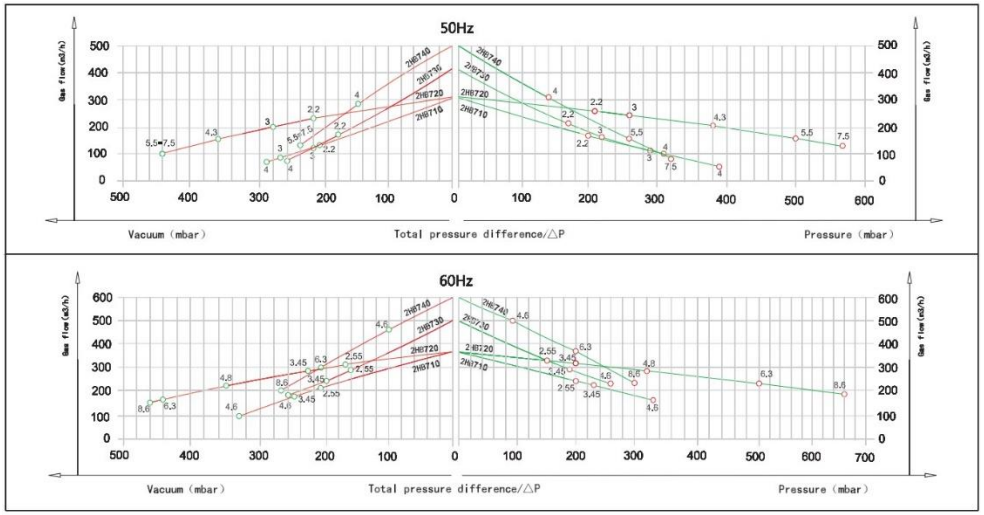
PARAMETERS

(2HB7 3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
2HB710-AH16	single	50	2.2	200-240△	345-415Y	9.7△/5.6Y	318	-210	200	69	31
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	376	-210	200	72	
2HB710-AH26	single	50	3	200-240△	345-415Y	12.5△/7.2Y	318	-270	290	69	36
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	376	-250	230	72	
2HB710-AH37	single	50	4	345-415△	600-720Y	9.0△/5.2Y	318	-290	390	69	40
		60	4.6	380-480△	660-720Y	9.0△/5.5Y	376	-330	330	72	
2HB720-HH16	double	50	2.2	200-240△	345-415Y	9.7△/5.6Y	320	-220	210	73	43
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	380	-170	150	76	
2HB720-HH26	double	50	3	200-240△	345-415Y	12.5△/7.2Y	320	-280	260	73	48
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	380	-230	200	76	
2HB720-HH37	double	50	4.3	345-415△	600-720Y	10△/5.2Y	320	-360	380	73	56
		60	4.8	380-480△	660-720Y	10.4△/6Y	380	-350	320	76	
2HB720-HH47	double	50	5.5	345-415△	600-720Y	13.3△/7.7Y	320	-440	500	73	70
		60	6.3	380-480△	660-720Y	13.3△/7.7Y	380	-440	500	76	
2HB720-HH57	double	50	7.5	345-415△	600-720Y	16.7△/9.6Y	320	-440	570	73	74
		60	8.6	380-480△	660-720Y	17.3△/10Y	380	-460	660	76	
2HB730-AH16	single	50	2.2	200-240△	345-415Y	9.7△/5.6Y	420	-180	170	70	32
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	500	-160	150	73	
2HB730-AH26	single	50	3	200-240△	345-415Y	12.5△/7.2Y	420	-220	220	70	37
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	500	-200	190	73	
2HB730-AH37	single	50	4	345-415△	600-720Y	9.0△/5.2Y	420	-260	310	70	43
		60	4.6	380-480△	660-720Y	9.0△/5.2Y	500	-260	260	73	
2HB740-HH37	double	50	4	345-415△	600-720Y	9.0△/5.2Y	500	-150	140	74	54
		60	4.6	380-480△	660-720Y	9.0△/5.2Y	600	-100	90	78	
2HB740-HH47	double	50	5.5	345-415△	600-720Y	13.3△/7.7Y	500	-240	260	74	69
		60	6.3	380-480△	660-720Y	13.3△/7.7Y	600	-210	200	78	
2HB740-HH57	double	50	7.5	345-415△	600-720Y	16.7△/9.6Y	500	-240	320	74	75
		60	8.6	380-480△	660-720Y	17.3△/10Y	600	-270	300	78	

CURVES



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25°C。

2HB710/730

2HB710/730 Single stage mounting dimensions

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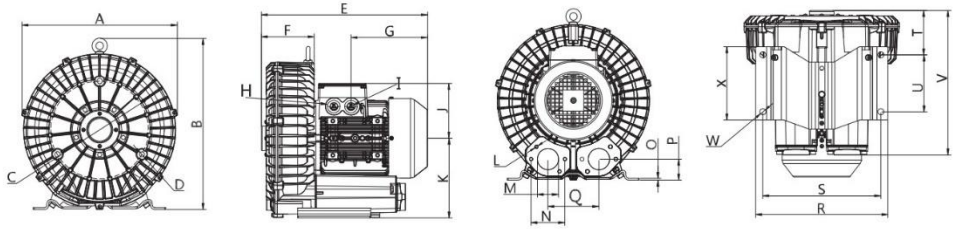

Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB710-AH16	3~	382	420	240	M10X20	377	130	191	M16X1.5	M25X1.5	128	195	M8X17	G2	83	4.5	51	125	325	290	109	140	355	15	180
2HB710-AH26	3~	382	420	240	M10X20	409	130	188	M32X1.5	M32X1.5	135	195	M8X17	G2	83	4.5	51	125	325	290	109	140	355	15	180
2HB710-AH37	3~	382	420	240	M10X20	446	130	225	M32X1.5	M32X1.5	135	195	M8X17	G2	83	4.5	51	125	325	290	109	140	355	15	180
2HB730-AH16	3~	382	420	240	M10X20	387	140	191	M16X1.5	M25X1.5	128	195	M8X17	G2	83	4.5	51	125	325	290	118	140	364	15	180
2HB730-AH26	3~	382	420	240	M10X20	418	140	188	M32X1.5	M32X1.5	135	195	M8X17	G2	83	4.5	51	125	325	290	118	140	364	15	180
2HB730-AH37	3~	382	420	240	M10X20	455	140	225	M32X1.5	M32X1.5	135	195	M8X17	G2	83	4.5	51	125	325	290	118	140	364	15	180
2HB710-AA11	1~	382	420	240	M10X20	377	130	191	M16X1.5	M25X1.5	128	195	M8X17	G2	83	4.5	51	125	325	290	109	140	355	15	180

2HB720

2HB720 Double stage mounting dimensions

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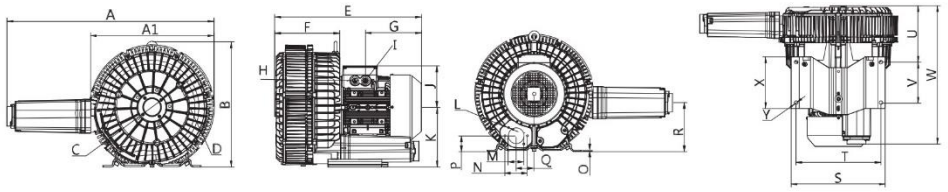
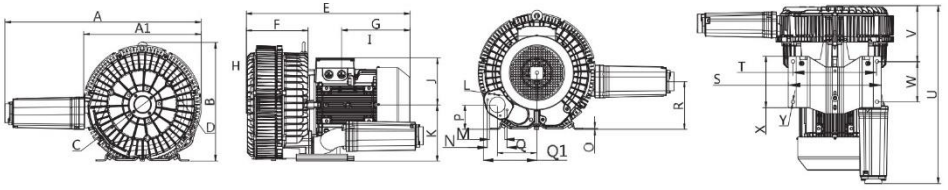


Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2HB720-HH16	3~	661	426	420	240	M10X20	473	226	191	M16X1.5	M25X1.5	128	196	M8X17	G2	83	4.5	51	63	161	325	290	451	205	140	180	15
2HB720-HH26	3~	661	426	420	240	M10X20	505	226	188	M32X1.5	M32X1.5	135	196	M8X17	G2	83	4.5	51	63	161	325	290	451	205	140	180	15
2HB720-HH37	3~	661	426	420	240	M10X20	541	226	225	M32X1.5	M32X1.5	135	196	M8X17	G2	83	4.5	51	63	161	325	290	451	205	140	180	15



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	Q1	R	S	T	U	V	W	X	Y
2HB720-HH47	3~	661	426	420	240	M10X20	571	226	226	M32X1.5	M32X1.5	167	196	M8X17	G2	83	4.5	92	154	209	161	325	290	593	205	140	180	15
2HB720-HH57	3~	661	426	420	240	M10X20	571	226	226	M32X1.5	M32X1.5	167	196	M8X17	G2	83	4.5	92	154	209	161	325	290	593	205	140	180	15

2HB740

2HB740 Double stage mounting dimensions

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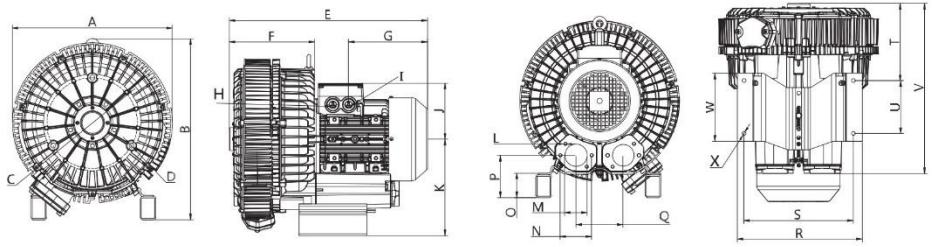
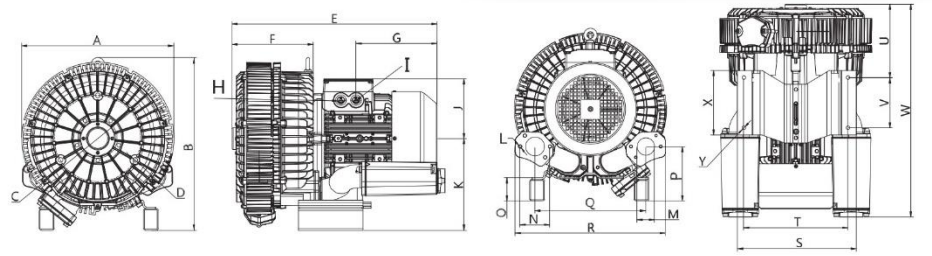


Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB740-HH37	3~	424	480	240	M10X20	541	226	225	M32X1.5	M32X1.5	135	255	M8X17	G2	83	65	111	125	331	290	205	140	451	180	15



Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	0	P	Q	R	S	T	U	V	W	X	Y
2HB740-HH47	3~	424	480	240	M10X20	571	226	226	M32X1.5	M32X1.5	167	255	M8X17	G2	83	65	151	308	417	331	290	205	140	593	180	15
2HB740-HH57	3~	424	480	240	M10X20	571	226	226	M32X1.5	M32X1.5	167	255	M8X17	G2	83	65	151	308	417	331	290	205	140	593	180	15

2HB8 3AC

2HB8 3AC Performance parameters/curves of blower

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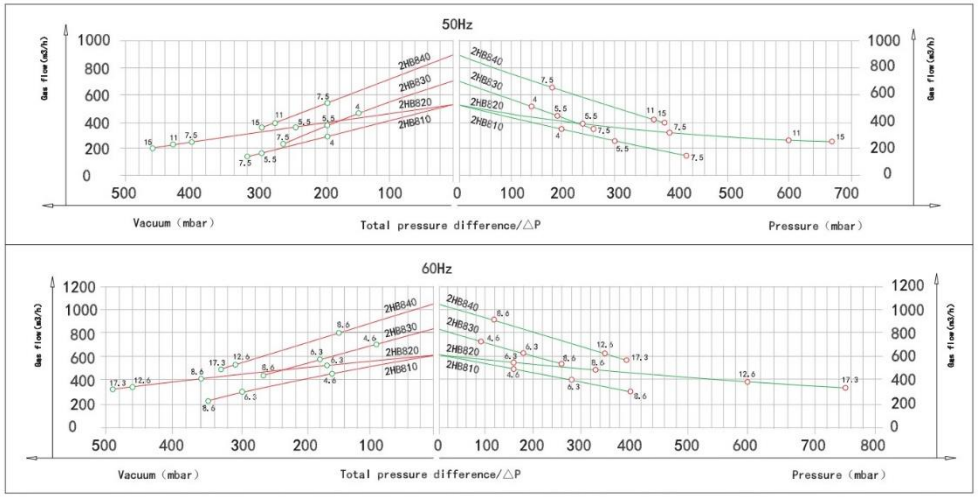
PARAMETERS

(2HB8-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	Hz	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
2HB810-AH07	single	50	4	345-415△	600-720Y	9.5△/5.5Y	530	-200	200	70	51
		60	4.6	380-480△	660-720Y	9.5△/5.5Y	620	-160	160	74	
2HB810-AH17	single	50	5.5	345-415△	600-720Y	12.9△/7.4Y	530	-300	300	80	62
		60	6.3	380-480△	660-720Y	12.9△/7.45Y	620	-300	280	82	
2HB810-AH27	single	50	7.5	345-415△	600-720Y	16.7△/9.6Y	530	-320	430	80	65
		60	8.6	380-480△	660-720Y	17.3△/10Y	620	-350	400	82	
2HB820-HH17	double	50	5.5	345-415△	600-720Y	13.3△/7.7Y	530	-250	240	74	83
		60	6.3	380-480△	660-720Y	13.3△/7.7Y	620	-170	160	78	
2HB820-HH27	double	50	7.5	345-415△	600-720Y	16.7△/9.6Y	530	-400	400	74	88
		60	8.6	380-480△	660-720Y	17.3△/10Y	620	-360	330	78	
2HB820-HH37	double	50	11	345-415△	600-720Y	28△/16.2Y	530	-430	600	74	104
		60	12.6	380-480△	660-720Y	29△/16.7Y	620	-460	600	78	
2HB820-HH47	double	50	15	345-415△	600-720Y	32.5△/18.8Y	530	-460	670	74	120
		60	17.3	380-480△	660-720Y	34.5△/19.9Y	620	-490	750	78	
2HB830-AH07	single	50	4	345-415△	600-720Y	9.5△/5.5Y	700	-150	140	70	57
		60	4.6	380-480△	660-720Y	9.5△/5.5Y	840	-90	90	74	
2HB830-AH17	single	50	5.5	345-415△	600-720Y	12.9△/7.4Y	700	-200	190	70	66
		60	6.3	380-480△	660-720Y	12.9△/7.45Y	840	-180	180	74	
2HB830-AH27	single	50	7.5	345-415△	600-720Y	16.7△/9.6Y	700	-270	260	70	69
		60	8.6	380-480△	660-720Y	17.3△/10Y	840	-270	260	74	
2HB840-HH27	double	50	7.5	345-415△	600-720Y	16.7△/9.6Y	900	-200	180	74	91
		60	8.6	380-480△	660-720Y	17.3△/10Y	1050	-150	120	78	
2HB840-HH37	double	50	11	345-415△	600-720Y	28△/16.2Y	900	-280	370	74	110
		60	12.6	380-480△	660-720Y	29△/16.7Y	1050	-310	350	78	
2HB840-HH47	double	50	15	345-415△	600-720Y	32.5△/18.8Y	900	-300	390	74	126
		60	17.3	380-480△	660-720Y	34.5△/19.9Y	1050	-330	390	78	

CURVES



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25°C。

2HB810/830

2HB810/830 Single stage mounting dimensions

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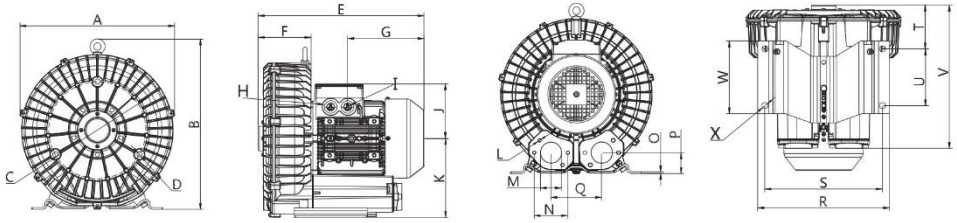

Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB810-AH07	3~	451	503	286	M12X20	451	149	209	M32X1.5	M32X1.5	148	239	M8X17	G2.5	94	6	64	152	394	356	125	170	467	217	15
2HB810-AH17	3~	451	503	286	M12X20	478	149	226	M32X1.5	M32X1.5	167	239	M8X17	G2.5	94	6	64	152	394	356	125	170	467	217	15
2HB810-AH27	3~	451	503	286	M12X20	478	149	226	M32X1.5	M32X1.5	167	239	M8X17	G2.5	94	6	64	152	394	356	125	170	467	217	15
2HB830-AH07	3~	451	503	286	M12X20	465	164	209	M32X1.5	M32X1.5	148	239	M8X17	G2.5	94	6	64	152	394	356	139	170	481	217	15
2HB830-AH17	3~	451	503	286	M12X20	492	164	226	M32X1.5	M32X1.5	167	239	M8X17	G2.5	94	6	64	152	394	356	139	170	481	217	15
2HB830-AH27	3~	451	503	286	M12X20	492	164	226	M32X1.5	M32X1.5	167	239	M8X17	G2.5	94	6	64	152	394	356	139	170	481	217	15

2HB820

2HB820 Double stage mounting dimensions

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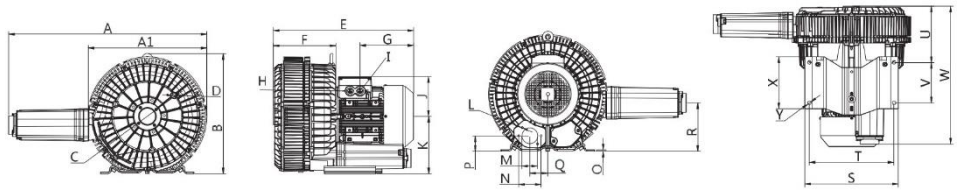
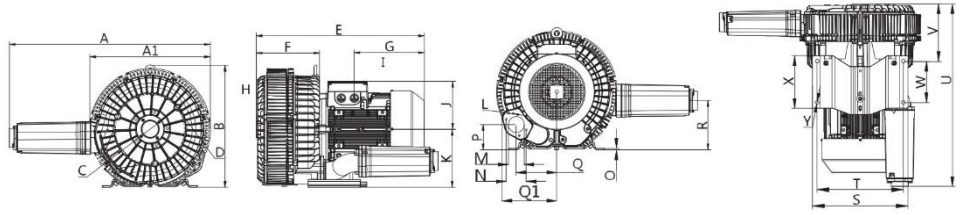


Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2HB820-HH17	3～	832	498	503	286	M12X20	590	262	226	M32X1.5	M32X1.5	167	239	M8X17	G2.5	94	6	64	76	202	394	356	237	170	579	217	15
2HB820-HH27	3～	832	498	503	286	M12X20	590	262	226	M32X1.5	M32X1.5	167	239	M8X17	G2.5	94	6	64	76	202	394	356	237	170	579	217	15



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	Q1	R	S	T	U	V	W	X	Y
2HB820-HH37	3～	832	498	503	286	M12X20	695	262	291	M32X1.5	M32X1.5	197	239	M8X17	G2.5	94	6	103	168	226	202	394	356	751	237	170	217	15
2HB820-HH47	3～	832	498	503	286	M12X20	695	262	291	M32X1.5	M32X1.5	197	239	M8X17	G2.5	94	6	103	168	226	202	394	356	751	237	170	217	15

2HB840

2HB840 Double stage mounting dimensions

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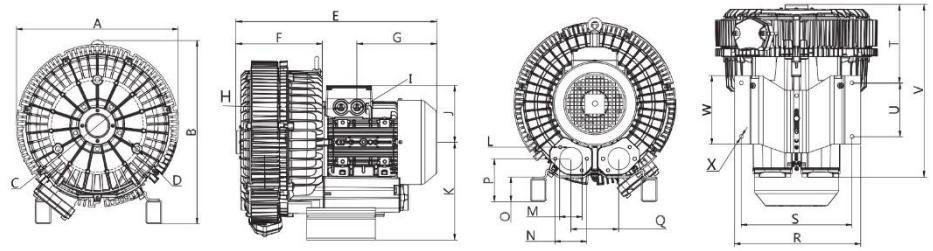
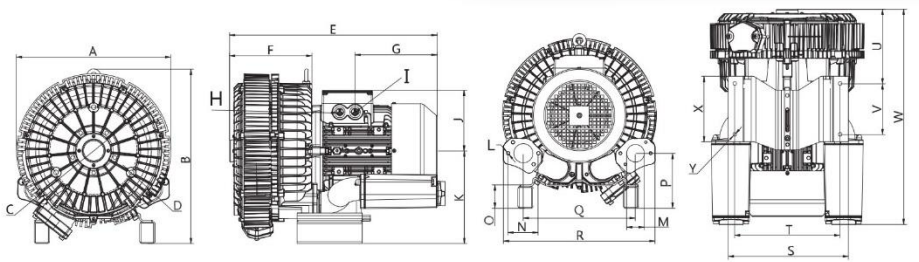


Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB840-HH27	3～	500	563	286	M12X20	590	262	226	M32X1.5	M32X1.5	167	299	M8X17	G2.5	94	66	124	152	394	356	237	170	579	217	15



Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2HB840-HH37	3～	500	563	286	M12X20	695	262	291	M32X1.5	M32X1.5	197	299	M8X17	G2.5	94	66	164	336	451	394	356	237	170	751	217	15
2HB840-HH47	3～	500	563	286	M12X20	695	262	291	M32X1.5	M32X1.5	197	299	M8X17	G2.5	94	66	164	336	451	394	356	237	170	751	217	15

2HB9 3AC

2HB9 3AC Performance parameters/curves of blower

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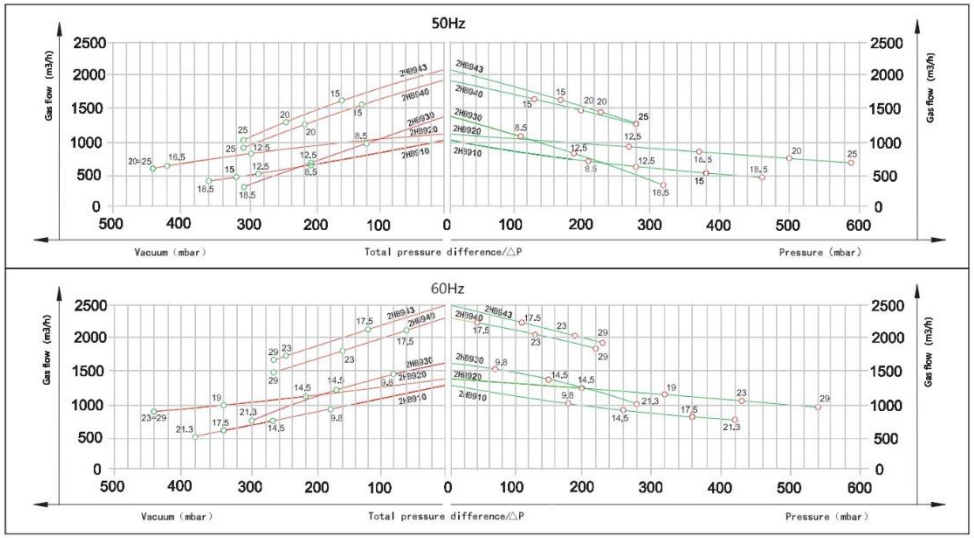
PARAMETERS

(2HB9-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
2HB910-AH07	single	50	8.5	345-415△	600-720Y	18.2△/10.5Y	1050	-210	210	74	93
		60	9.8	380-480△	660-720Y	18.2△/10.5Y	1250	-180	180	79	
2HB910-AH17	single	50	12.5	345-415△	600-720Y	28△/16.2Y	1050	-290	280	74	116
		60	14.5	380-480△	660-720Y	29△/16.7Y	1250	-270	260	79	
2HB910-AH27	single	50	15	345-415△	600-720Y	35△/20Y	1050	-320	380	74	120
		60	17.5	380-480△	660-720Y	36.5△/21Y	1250	-340	360	79	
2HB910-AH37	single	50	18.5	345-415△	600-720Y	37△/21Y	1050	-360	460	74	126
		60	21.3	380-480△	660-720Y	39△/22.5Y	1250	-380	420	79	
2HB920-HH17	double	50	12.5	345-415△	600-720Y	28△/16.2Y	1110	-300	270	74	187
		60	14.5	380-480△	660-720Y	29△/16.7Y	1310	-220	200	78	
2HB920-HH27	double	50	16.5	345-415△	600-720Y	35△/20Y	1110	-420	370	74	197
		60	19	380-480△	660-720Y	36.5△/21Y	1310	-340	320	78	
2HB920-HH37	double	50	20	345-415△	600-720Y	40△/23Y	1110	-440	500	74	204
		60	23	380-480△	660-720Y	42△/24.2Y	1310	-440	430	78	
2HB920-HH47	double	50	25	345-415△	600-720Y	52△/30Y	1110	-440	590	74	211
		60	29	380-480△	660-720Y	52△/30Y	1310	-440	540	78	
2HB930-AH07	single	50	8.5	345-415△	600-720Y	18.2△/10.5Y	1370	-120	110	75	98
		60	9.8	380-480△	660-720Y	18.2△/10.5Y	1650	-80	70	80	
2HB930-AH17	single	50	12.5	345-415△	600-720Y	28△/16.2Y	1370	-210	190	75	121
		60	14.5	380-480△	660-720Y	29△/22.5Y	1650	-170	150	80	
2HB930-AH37	single	50	18.5	345-415△	600-720Y	37△/21Y	1370	-310	320	75	131
		60	21.3	380-480△	660-720Y	39△/22.5Y	1650	-300	280	80	
2HB940-HH27	double	50	15	345-415△	600-720Y	35△/20Y	1940	-130	130	75	187
		60	17.5	380-480△	660-720Y	36.5△/21Y	2310	-60	40	84	
2HB940-HH37	double	50	20	345-415△	600-720Y	40△/23Y	1940	-220	200	75	212
		60	23	380-480△	660-720Y	42△/24.2Y	2310	-160	130	84	
2HB940-HH47	double	50	25	345-415△	600-720Y	52△/30Y	1940	-310	280	75	219
		60	29	380-480△	660-720Y	52△/30Y	2310	-270	220	84	
2HB943-HH27	double	50	15	345-415△	600-720Y	35△/20Y	2050	-160	170	75	220
		60	17.5	380-480△	660-720Y	36.5△/21Y	2480	-120	110	84	
2HB943-HH37	double	50	20	345-415△	600-720Y	40△/23Y	2050	-250	230	75	230
		60	23	380-480△	660-720Y	42△/24.2Y	2480	-250	190	84	
2HB943-HH47	double	50	25	345-415△	600-720Y	52△/30Y	2050	-310	280	75	235
		60	29	380-480△	660-720Y	50△/30Y	2480	-270	230	84	

CURVES



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%。
The total pressure differences are valid up to an intake and ambient temperature of 25°C。

2HB910/930

2HB910/930 Single stage mounting dimensions

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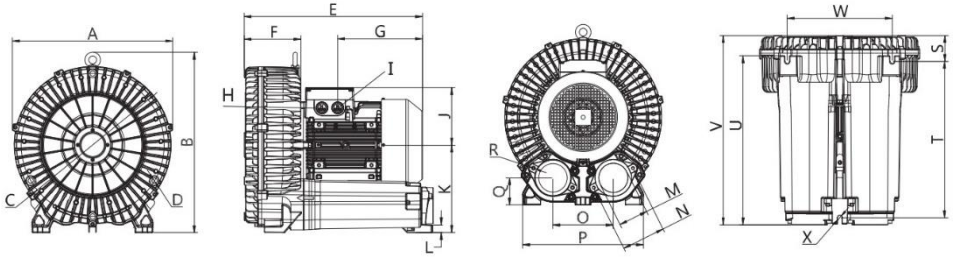

Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2HB910-AH07	3~	550	618	490	M12X30	525	195	226	M32X1.5	M32X1.5	167	299	25	G4	150	207	414	92	M12X30	88	535	577	646	360	15
2HB910-AH17	3~	550	618	490	M12X30	611	195	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	414	92	M12X30	88	535	577	646	360	15
2HB910-AH27	3~	550	618	490	M12X30	611	195	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	414	92	M12X30	88	535	577	646	360	15
2HB910-AH37	3~	550	618	490	M12X30	611	195	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	414	92	M12X30	88	535	577	646	360	15
2HB930-AH07	3~	550	618	490	M12X30	563	233	226	M32X1.5	M32X1.5	167	299	25	G4	150	207	414	92	M12X30	126	535	577	684	360	15
2HB930-AH17	3~	550	618	490	M12X30	649	233	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	414	92	M12X30	126	535	577	684	360	15
2HB930-AH37	3~	550	618	490	M12X30	649	233	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	414	92	M12X30	126	535	577	684	360	15

2HB920

2HB920 Double stage mounting dimensions

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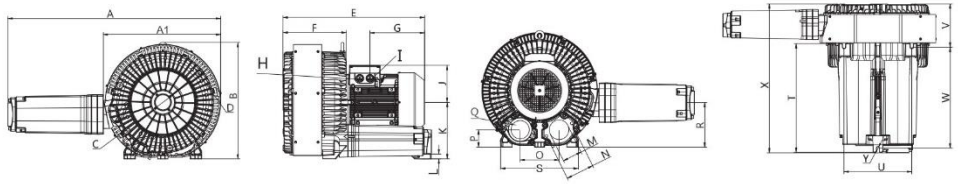
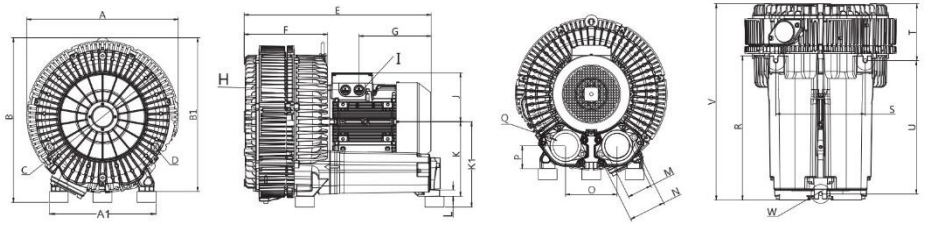


Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2HB920-HH17	3~	1131	624	618	490	M12X20	752	336	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	92	M12X30	236	414	577	360	229	535	787	15
2HB920-HH27	3~	1131	624	618	490	M12X20	752	336	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	92	M12X30	236	414	577	360	229	535	787	15
2HB920-HH37	3~	1131	624	618	490	M12X20	752	336	291	M40X1.5	M40X1.5	197	299	25	G4	150	207	92	M12X30	236	414	577	360	229	535	787	15
2HB920-HH47	3~	1131	624	618	490	M12X20	813	336	351	M40X1.5	M40X1.5	197	299	25	G4	150	207	92	M12X30	236	414	577	360	229	535	787	15

2HB940

2HB940 Double stage mounting dimensions



Model	Phase	A	A1	B	B1	C	D	E	F	G	H	I	J	K	K1	L	M	N	O	P	Q	R	S	T	U	V	W
2HB940-HH27	3~	610	431	658	618	490	M12X20	752	336	291	M40X1.5	M40X1.5	197	299	339	25	G4	150	207	92	M12X30	577	360	229	535	787	M12
2HB940-HH37	3~	610	431	658	618	490	M12X20	752	336	291	M40X1.5	M40X1.5	197	299	339	25	G4	150	207	92	M12X30	577	360	229	535	787	M12
2HB940-HH47	3~	610	431	658	618	490	M12X20	813	336	351	M40X1.5	M40X1.5	197	299	339	25	G4	150	207	92	M12X30	577	360	229	535	787	M12

2HB934

2HB943 Double stage mounting dimensions

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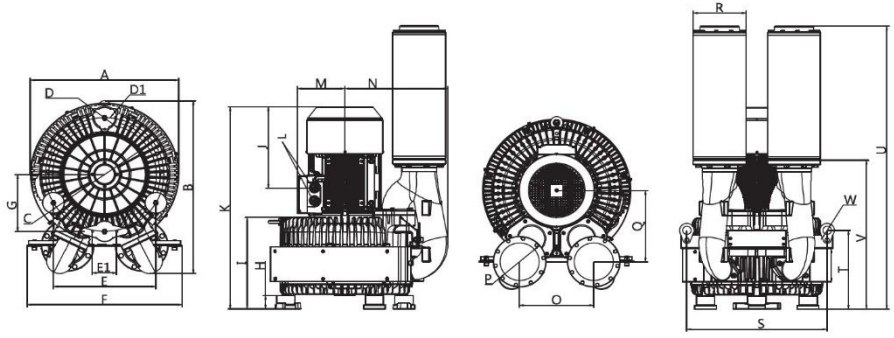

Model	Phase	A	B	C	D	D1	E	E1	F	G	H	I	J	K	K1	L	M	N	0	P	Q	R	S	T	U	V	W
2HB943-HH27	3~	615	745	490	100	M8	424	100	641	245	40	376	291	792	339	M40X1.5	197	426	307	G5	308	219	581	322	1234	625	35
2HB943-HH37	3~	615	745	490	100	M8	424	100	641	245	40	376	291	792	339	M40X1.5	197	426	307	G5	308	219	581	322	1234	625	35
2HB943-HH47	3~	615	745	490	100	M8	424	100	641	245	40	376	351	853	339	M40X1.5	197	426	307	G5	308	219	581	322	1234	625	35

4HB 1AC

4HB 1AC Performance parameters/curves of blower

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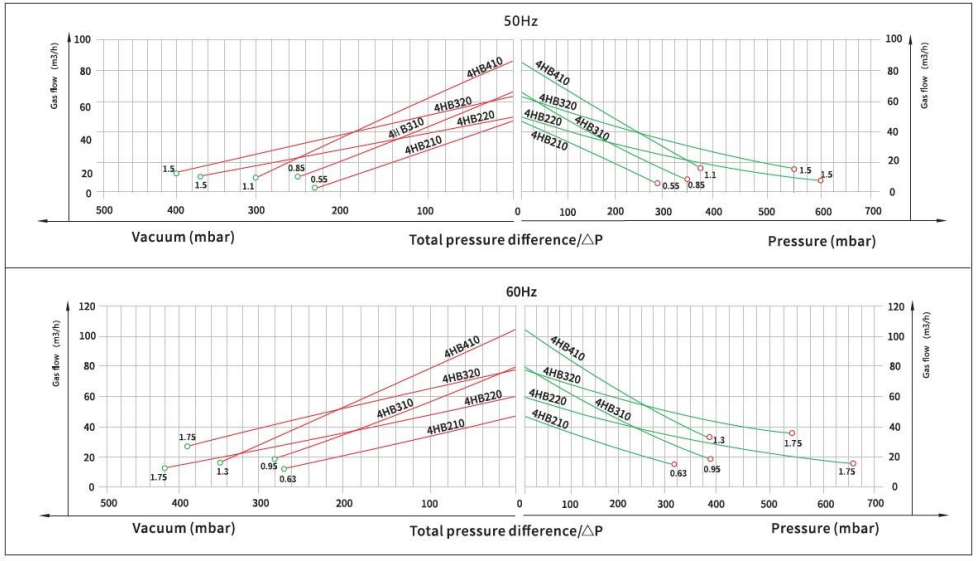
PARAMETERS

(4HB-1AC-220V) Model	Motor rated parameters									
	single	frequency	power	voltage	current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V	A	m3/h	mbar	mbar	dB(A)	Kg
4HB210-AA11	single	50	0.55	220	3.1	47	--230	290	57	18
		60	0.63	220	7.1	57	--270	320	62	
4HB220- HA51	double	50	1.5	220	9.7	47	--370	600	58	30
		60	1.75	220	10.3	60	--420	660	62	
4HB310-AA21	single	50	0.85	220	5.5	66	--250	350	57	18
		60	0.95	220	6.1	80	--280	390	62	
4HB320- HA51	double	50	1.5	220	9.7	65	--400	550	59	32
		60	1.75	220	10.3	76	--390	540	63	
4HB410-AA11	single	50	1.1	220	10.3	87	--300	380	55	23
		60	1.3	220	10.6	105	--350	390	62	

CURVES



The performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%.The total pressure differences are valid up to an intake and ambient temperature of 25℃.

4HB 3AC

4HB 3AC Performance parameters/curves of blower

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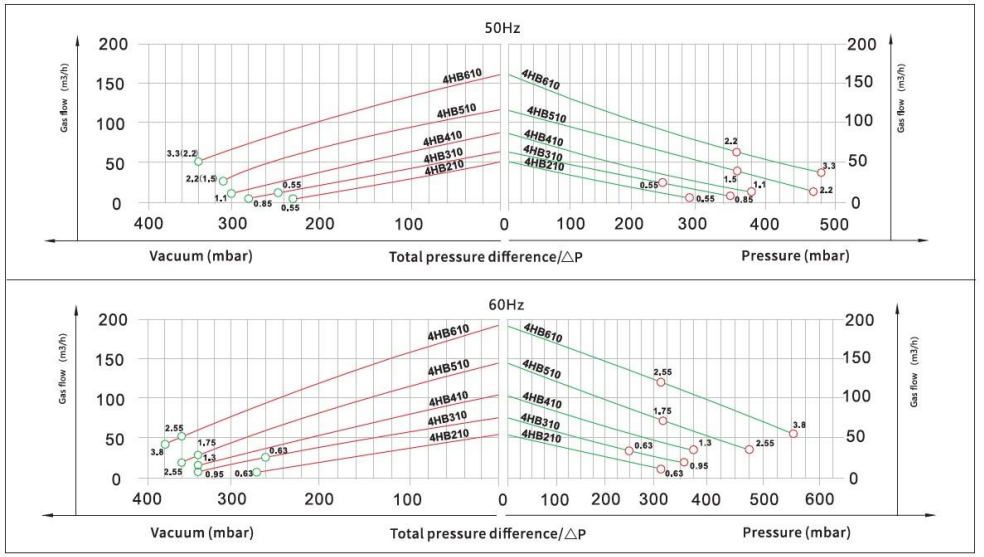
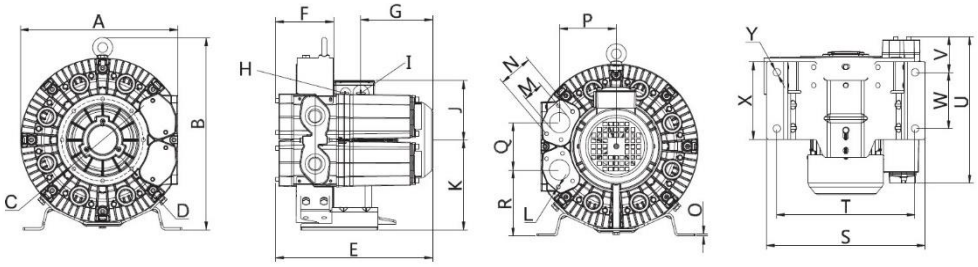
PARAMETERS

(4HB-3AC) Model	Motor rated parameters										
	single	frequen	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	We ight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB (A)	Kg
4HB210-AH16	single	50	0.55	200-240△	345-415Y	2.8△/1.6Y	47	--230	290	57	16
		60	0.63	220-275△	380-480Y	3△/1.7Y	57	--270	320	62	
4HB310-AH16	single	50	0.55	200-240△	345-415Y	2.8△/1.6Y	66	--250	250	57	16
		60	0.63	220-275△	380-480Y	3△/1.7Y	80	--260	250	62	
4HB310-AH26	single	50	0.85	200-240△	345-415Y	4△/2.3Y	66	--280	350	57	17
		60	0.95	220-275△	380-480Y	4△/2.3Y	80	--340	360	62	
4HB410-AH16	single	50	1.1	200-240△	345-415Y	5.4△/3.1Y	87	--300	380	58	23
		60	1.3	220-275△	380-480Y	5.4△/3.1Y	105	--340	370	62	
4HB510-AH16	single	50	1.5	200-240△	345-415Y	7.5△/4.3Y	120	--310	360	64	26
		60	1.75	220-275△	380-480Y	7.6△/4.4Y	145	--340	320	68	
4HB510-AH26	single	50	2.2	200-240△	345-415Y	11.4△/6.6Y	120	--310	470	64	29
		60	2.55	220-275△	380-480Y	11.2△/6.5Y	145	--360	480	68	
4HB610-AH16	single	50	2.2	200-240△	345-415Y	11.4△/6.6Y	165	--340	360	65	32
		60	2.55	220-275△	380-480Y	11.2△/6.5Y	195	--360	320	71	
4HB610-AH36	single	50	3.3	200-275△	345-415Y	13△/7.5Y	165	--340	480	65	35
		60	3.8	220-275△	380-480Y	14.2△/8.2Y	195	--380	530	71	

CURVES



The performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%.The total pressure differences are valid up to an intake and ambient temperature of 25℃.

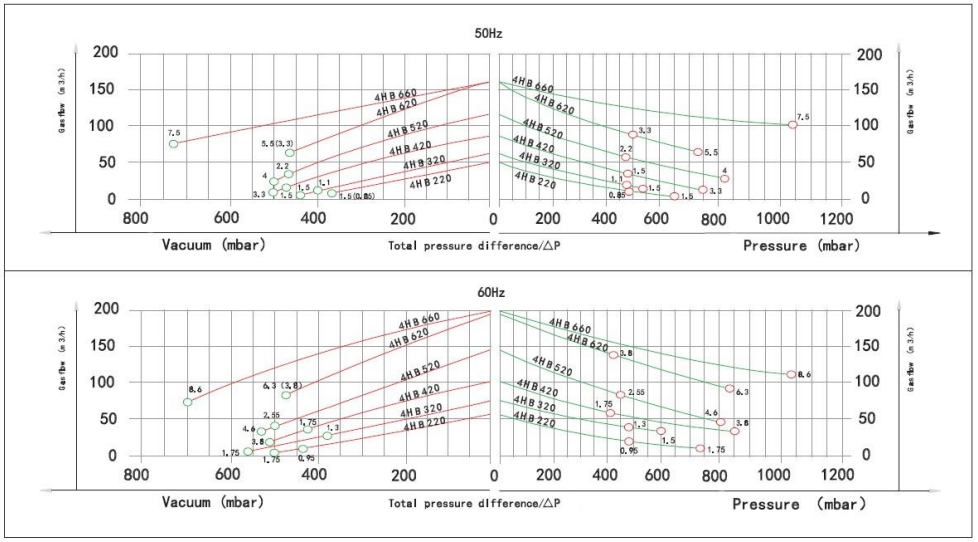


Model	Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
4HB210-AH16	3～	295	360	153	M6X15	293	107	135	M16X1.5	M25X1.5	111	168	M6X17	G1.25	64	4	107	88	124	298	260	272	65	105	145	14
4HB310-AH16	3～	313	378	153	M6X15	295	109	135	M16X1.5	M25X1.5	111	177	M6X17	G1.25	64	4	114	94	130	325	290	276	67	105	145	14
4HB310-AH26	3～	313	378	153	M6X15	319	109	159	M16X1.5	M25X1.5	120	177	M6X17	G1.25	64	4	114	94	130	325	290	276	67	105	145	14
4HB410-AH16	3～	346	416	167	M6X15	323	113	159	M16X1.5	M25X1.5	120	197	M6X17	G1.25	64	4	125	103	145	350	315	282	70	130	167	14
4HB510-AH16	3～	367	435	192	M8X15	363	122	191	M16X1.5	M25X1.5	128	206	M6X17	G1.25	64	4	138	114	148	363	328	287	71	152	193	14
4HB510-AH26	3～	367	435	192	M8X15	363	122	191	M16X1.5	M25X1.5	128	206	M6X17	G1.25	64	4	138	114	148	363	328	287	71	152	193	14
4HB610-AH16	3～	418	494	228	M8X15	364	124	191	M16X1.5	M25X1.5	128	236	M6X17	G1.25	64	4	153	126	172	406	371	291	70	152	193	14
4HB610-AH36	3～	418	494	228	M8X15	390	124	217	M16X1.5	M25X1.5	128	236	M6X17	G1.25	64	4	153	126	172	406	371	291	70	152	193	14
4HB210-AA11	1～	295	360	153	M6X15	293	107	135	M16X1.5	M25X1.5	111	168	M6X17	G1.25	64	4	107	88	124	298	260	272	65	105	145	14
4HB310-AA11	1～	313	378	153	M6X15	295	109	135	M16X1.5	M25X1.5	111	177	M6X17	G1.25	64	4	114	94	130	325	290	276	67	105	145	14
4HB310-AA21	1～	313	378	153	M6X15	319	109	159	M16X1.5	M25X1.5	120	177	M6X17	G1.25	64	4	114	94	130	325	290	276	67	105	145	14
4HB410-AA11	1～	346	416	167	M6X15	321	113	159	M16X1.5	M25X1.5	120	197	M6X17	G1.25	64	4	125	103	145	350	315	282	70	130	167	14

PARAMETERS

(4HB-3AC) Model	Motor rated parameters										
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress	noises	Weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
4HB220-HH26	double	50	0.85	200-240△	345-415Y	4△/2.3Y	47	-370	490	58	24
		60	0.95	220-275△	380-480Y	4△/2.3Y	60	-440	480	62	
4HB220-HH56	double	50	1.5	200-240△	345-415Y	7.5△/4.3Y	47	-370	650	58	28
		60	1.75	220-275△	380-480Y	7.6△/4.4Y	60	-500	740	62	
4HB320-HH46	double	50	1.1	200-240△	345-415Y	5.4△/3.1Y	65	-400	480	59	29
		60	1.3	220-275△	380-480Y	5.4△/3.1Y	76	-480	480	63	
4HB320-HH56	double	50	1.5	200-240△	345-415Y	7.5△/4.3Y	65	-440	540	59	30
		60	1.75	220-275△	380-480Y	7.5△/4.4Y	76	-560	600	63	
4HB420-HH26	double	50	1.5	200-240△	345-415Y	7.5△/4.3Y	87	-480	470	61	33
		60	1.75	220-275△	380-480Y	7.6△/4.4Y	105	-430	410	66	
4HB420-HH56	double	50	3.3	200-240△	345-415Y	13△/7.5Y	87	-500	750	61	39
		60	3.8	220-275△	380-480Y	13.8△/8Y	105	-510	850	66	
4HB520-HH26	double	50	2.2	200-240△	345-415Y	11.4△/6.6Y	120	-470	460	64	40
		60	2.55	220-275△	380-480Y	11.2△/6.5Y	145	-500	450	70	
4HB520-HH77	double	50	4	345-415△		9.5△	120	-500	820	65	51
		60	4.6	380-480△		10△	145	-530	810	71	
4HB620-HH36	double	50	3.3	200-275△	345-415Y	13△/7.5Y	165	-460	500	67	48
		60	3.8	220-275△	380-480Y	14.2△/8.2Y	195	-480	420	71	
4HB620-HH57	double	50	5.5	345-415△		12△	165	-460	740	68	65
		60	6.3	380-480△		11.5△	195	-480	840	72	
4HB660-HH67	triple	50	7.5	345-415△		16△	170	-730	1040	72	86
		60	8.6	380-480△		16△	200	-700	1040	76	

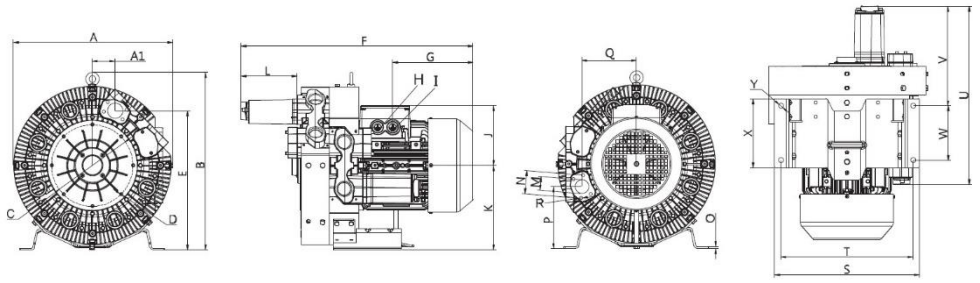
CURVES



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1013 mbar and a tolerance of ±10%.The total pressure differences are valid up to an intake and ambient temperature of 25°C.

4HB

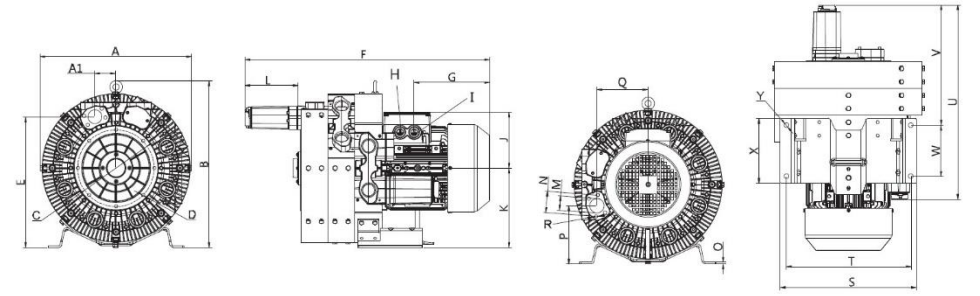
4HB Double stage mounting dimensions



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
4HB220-HH26	3~	295	45	360	153	M6X15	274	489	135	M16X1.5	M25X1.5	111	167	159	G1.25	64	4	123	105	M6X17	298	260	467	261	105	145	14
4HB220-HH56	3~	295	45	360	153	M6X15	274	546	191	M16X1.5	M25X1.5	128	167	159	G1.25	64	4	123	105	M6X17	298	260	467	261	105	145	14
4HB320-HH46	3~	333	47	380	153	M6X15	291	515	159	M16X1.5	M25X1.5	120	178	159	G1.25	64	4	130	114	M6X17	325	290	472	263	105	145	14
4HB320-HH56	3~	333	47	380	153	M6X15	291	547	191	M16X1.5	M25X1.5	128	178	159	G1.25	64	4	130	114	M6X17	325	290	472	263	105	145	14
4HB420-HH26	3~	346	52	416	167	M6X15	321	548	191	M16X1.5	M25X1.5	128	197	159	G1.25	64	4	145	124	M6X17	350	315	475	263	130	167	14
4HB420-HH56	3~	346	52	416	167	M6X15	321	575	217	M16X1.5	M25X1.5	128	197	159	G1.25	64	4	145	124	M6X17	350	315	475	263	130	167	14
4HB520-HH26	3~	387	57	435	192	M6X15	343	569	191	M16X1.5	M25X1.5	128	206	159	G1.25	64	5	148	137	M6X17	363	328	493	277	152	193	14
4HB520-HH77	3~	387	57	435	192	M6X15	343	621	209	M32X1.5	M32X1.5	148	206	159	G1.25	64	5	148	137	M6X17	363	328	493	277	152	193	14
4HB620-HH36	3~	447	63	495	228	M6X15	389	599	217	M16X1.5	M25X1.5	128	236	159	G1.25	64	5	173	153	M6X17	406	371	499	278	152	193	14
4HB620-HH57	3~	447	63	495	228	M6X15	389	651	226	M32X1.5	M32X1.5	167	236	159	G1.25	64	5	173	153	M6X17	406	371	499	278	152	193	14
4HB220-HA51	1~	295	45	360	153	M6X15	274	546	191	M16X1.5	M25X1.5	128	167	159	G1.25	64	4	123	105	M6X17	298	260	467	261	105	145	14
4HB320-HA41	1~	333	47	380	153	M6X15	291	515	159	M16X1.5	M25X1.5	120	178	159	G1.25	64	4	131	114	M6X17	325	290	472	263	105	145	14
4HB320-HA51	1~	333	47	380	153	M6X15	291	547	191	M16X1.5	M25X1.5	128	178	159	G1.25	64	4	131	114	M6X17	325	290	472	263	105	145	14

4HB

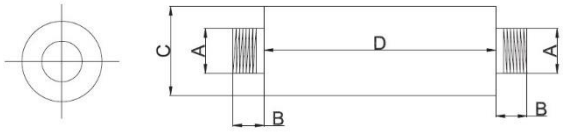
4HB three stage mounting dimensions



Model	Phase	A	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
4HB660-HH67	3~	453	64	495	228	M6X15	388	731	226	M32X1.5	M32X1.5	167	236	159	G1.25	64	5	172	153	M6X17	406	371	578	358	152	193	14

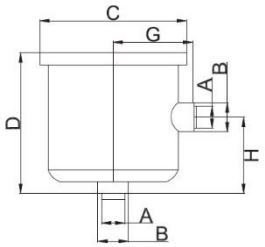
BLOWER PERIPHERAL ACCESSORIES

MUFFLER



Filter Element	A	B	C	D
SI-1.2	G1 1/4	35	80	210
SI-1.5	G1 1/2	35	90	260
SI-2	G2	40	110	310
SI-2.5	G2 1/2	50	140	510
SI-4	G4	60	180	800

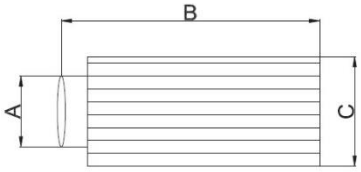
FILTERING BARREL



Model	Inlet & outlet	Dimension-mm					Flowrate	Mass
	A	B	C	D	H	G	m3/min	KG
HMF-10	G1 1/4	48	146	110	70	87	1.8	1.5
HMF-12	G1 1/2	53	185	170	115	110	2.4	2.4
HMF-16	G2	68	222	258	125	131	5.0	6
HMF-20	G2 1/2	86	222	258	125	131	6.0	6
HMF-32	G4	123	285	263	147	216	14.7	14.5

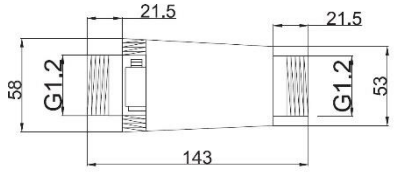
*Polyester Filter Element

FILTER



Model	A	B	C	Filter Mesh
MF-10	G1 1/4	180	66	100
MF-12	G1 1/2	192	85	100
MF-16	G2	215	103	100
MF-20	G2 1/2	260	115	100
MF-32	G4	450	158	100

PRESSURE RELIEFVALUE



TURBO BLOWERS

HIGH FLOWRATE

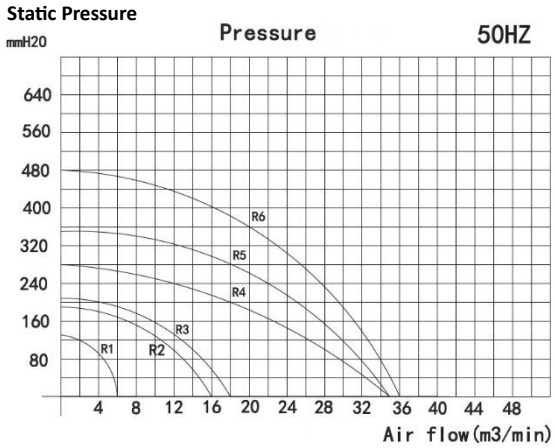
LOW NOISE

HIGH FLOWRATE

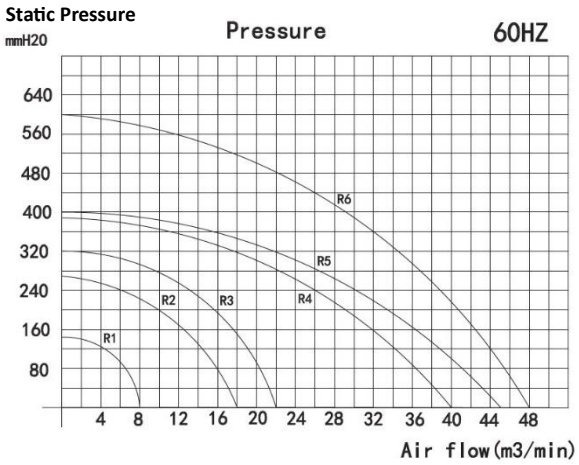
ALUMINIUM ALLOY CASING

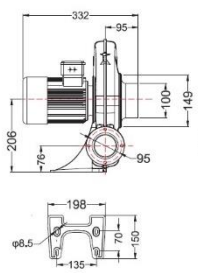
PARAMETERS

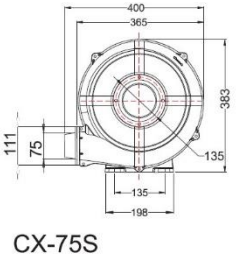
Model	Phase	Frequency Hz	Power KW	Voltage V	Current A	Presuref(max) mm H2O	Air flow(max) m3/min	Out Let	Noise dB	Weight Kg
CX-75S	3φ	50/60	0.4	380	1.2	130/150	6/8	3Inch	56/70	11
CX-75	3φ	50/60	0.75	380	1.9	190/270	16/18	4Inch	64/80	20
CX-100	3φ	50/60	1.5	380	3.5	210/320	20/25	4Inch	74/90	25
CX-125	3φ	50/60	2.2	380	5	280/380	30/35	5Inch	76/95	34
CX-150	3φ	50/60	3.7	380	7.5	350/400	35/45	6Inch	80/100	49
CX-7.5	3φ	50/60	5.5	380	11.5	480/600	36/48	6Inch	84/105	96



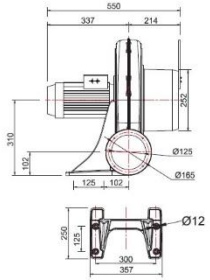
	Code	Model
Turbo Centrifugal Blower	R1	CX-75S
	R2	CX-75
	R3	CX-100
	R4	CX-125
	R5	CX-150
	R6	CX-7.5

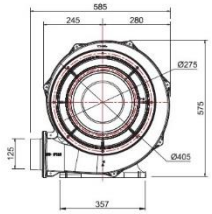




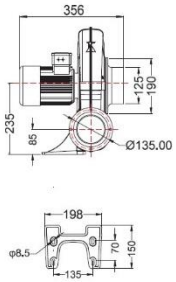


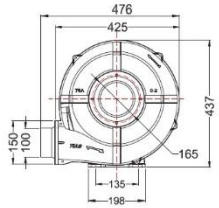
CX-75S



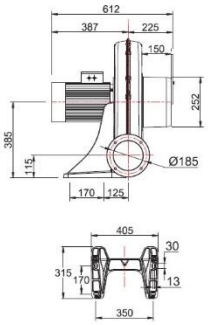


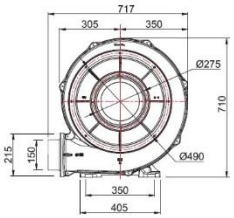
CX-125



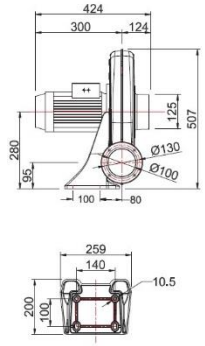


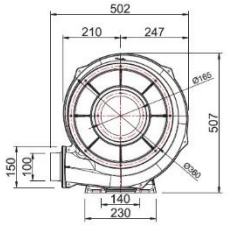
CX-75





CX-150





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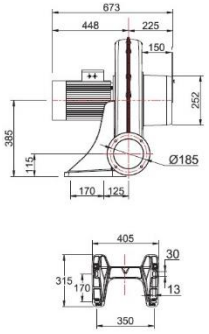
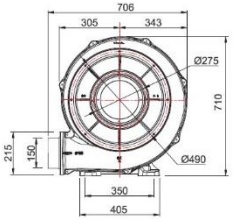
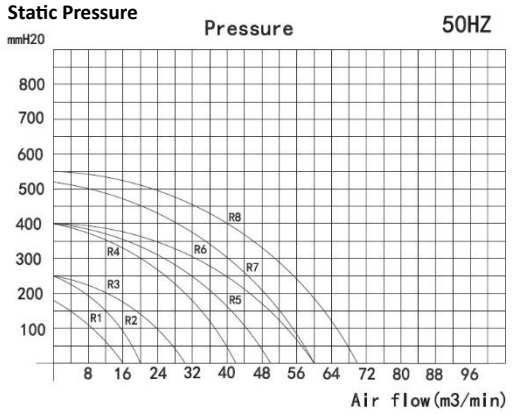




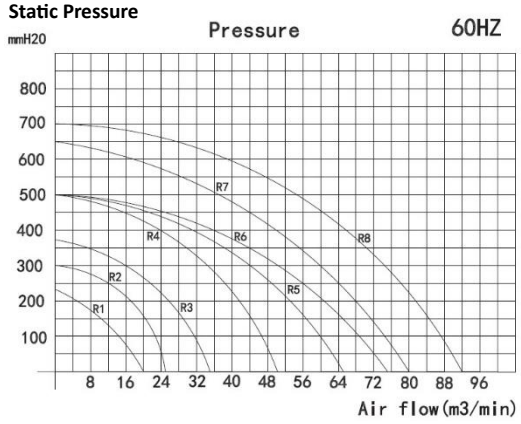
CX-7.5

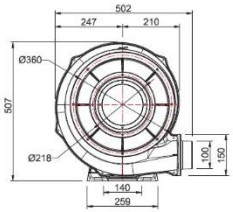
PARAMETERS

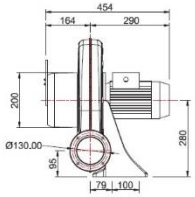
Model	Phase	Frequency Hz	Power KW	Voltage V	Current A	Presure(max) mmH2O	Air flow(max) m3/min	Out Let	Noise dB	Weight Kg
TB-201	3φ	50/60	0.75	380	1.8	170/230	16/20	4 Inch	65/80	23
TB-202	3φ	50/60	1.5	380	3.5	250/300	20/25	4 Inch	70/86	27
TB-125	3φ	50/60	2.2	380	5	250/370	30/35	5 Inch	79/90	41
TB-150-5	3φ	50/60	3.7	380	7.5	400/500	42/50	6 Inch	80/95	58
TB-150-7.5	3φ	50/60	5.5	380	11.5	400/500	50/65	6 Inch	80/95	93
TB-150-10	3φ	50/60	7.5	380	15.5	400/500	60/75	6 Inch	80/95	100
TB-20015	3φ	50/60	11	380	22	520/650	60/80	8 Inch	87/105	185
TB-20020	3φ	50/60	15	380	28	550/700	70/90	8 Inch	88/110	188

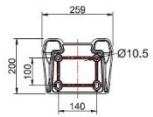


	Code	Model
Turbo Centrifugal Blower	R1	TB-201
	R2	TB-202
	R3	TB-125
	R4	TB-150-5
	R5	TB-150-7.5
	R6	TB-150-10
	R7	TB-20015
	R8	TB-20020

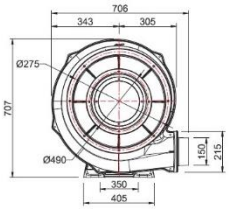


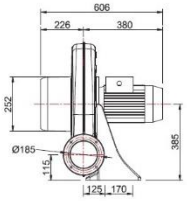


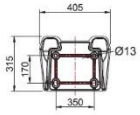




TB-201







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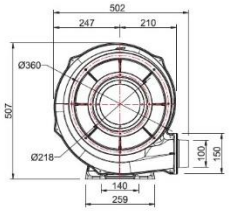
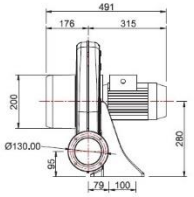
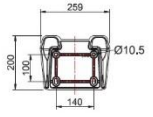
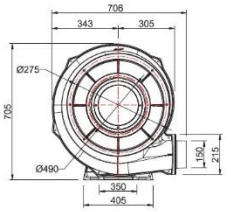
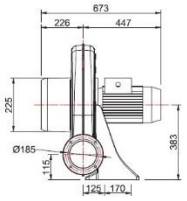


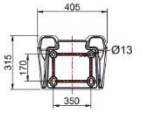




TB-202







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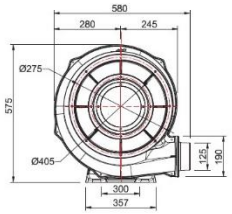

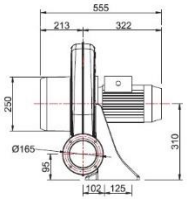

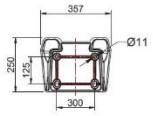

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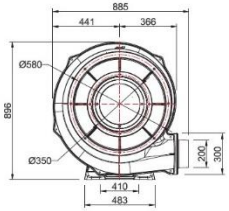
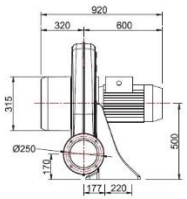
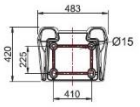






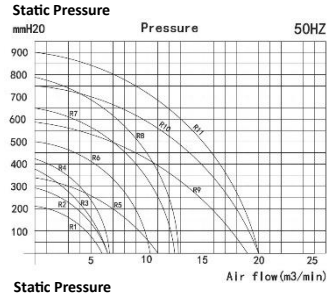
TB-20015/TB-20020

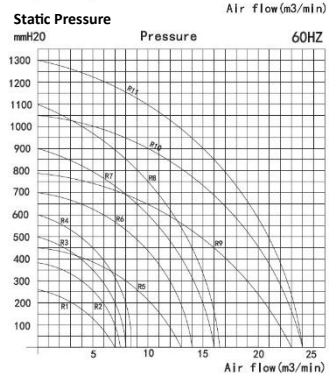
PARAMETERS

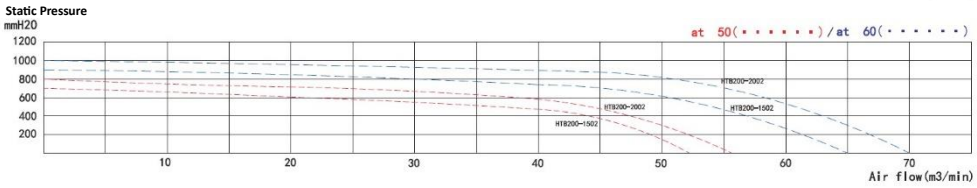
Model	Phase	Frequency Hz	Power KW	Voltage V	Current A	Presure(max) mmH20	Air flow(max) m3/min	Out Let	Noise dB	Weight Kg
HTB75-032	3φ	50/60	0.4	380	0.96	210/260	6/7	3 Inch	53/65	16
HTB75-053	3φ	50/60	0.4	380	0.96	290/380	6.5/7.5	3 Inch	55/68	18
HTB75-104	3φ	50/60	0.75	380	1.7	375/500	6.5/8	3 Inch	56/70	24
HTB75-105	3φ	50/60	0.75	380	1.7	420/600	6.8/8.5	3 Inch	56/70	27
HTB100-102	3φ	50/60	0.75	380	1.7	340/450	11/13	4 Inch	60/74	25
HTB100-203	3φ	50/60	1.5	380	3.3	500/700	11/14	4 Inch	61/76	33
HTB100-304	3φ	50/60	2.2	380	4.5	650/900	12.5/16	4 Inch	63/78	41
HTB100-505	3φ	50/60	3.7	380	8	790/1100	13/16.5	4 Inch	64/80	53
HTB125-503	3φ	50/60	3.7	380	8	580/790	19/23	5 Inch	80/85	62
HTB125-704	3φ	50/60	5.5	380	12.9	750/1050	20/24	5 Inch	70/88	87
HTB125-1005	3φ	50/60	7.5	380	14.7	900/1300	20/24	5 Inch	72/90	109
HTB200-1502	3φ	50/60	11	380	22	700/900	52/65	8 Inch	86/109	150
HTB200-2002	3φ	50/60	15	380	28	800/1000	56/70	8 Inch	88/110	170

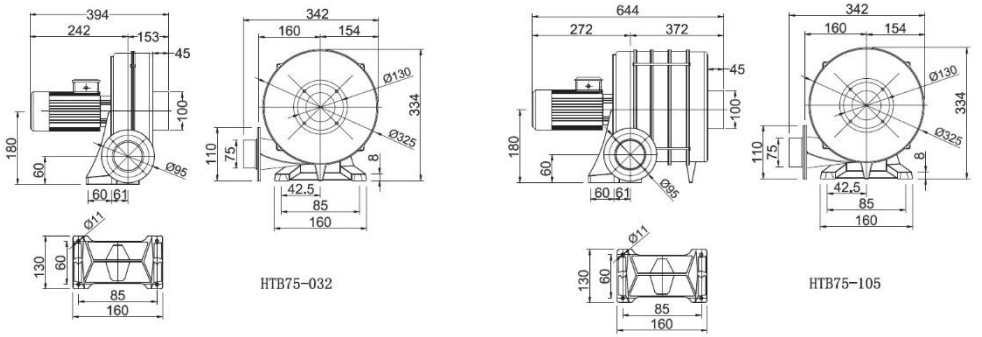
Turbo Centrifugal Blower

Code	Model
R1	HTB75-032
R2	HTB75-053
R3	HTB75-104
R4	HTB75-105
R5	HTB100-102
R6	HTB100-203
R7	HTB100-304
R8	HTB100-505
R9	HTB125-503
R10	HTB125-704
R11	HTB125-1005



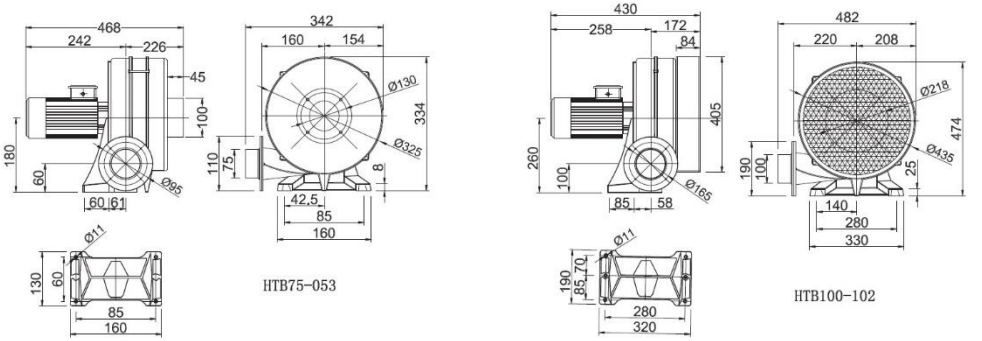






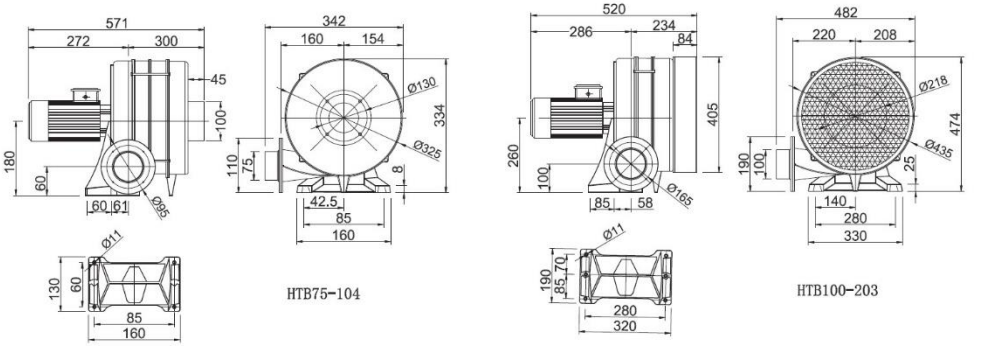
HTB75-032

HTB75-105



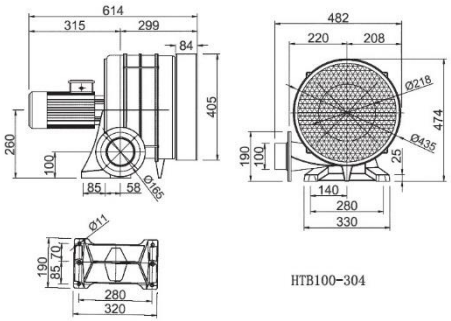
HTB75-053

HTB100-102

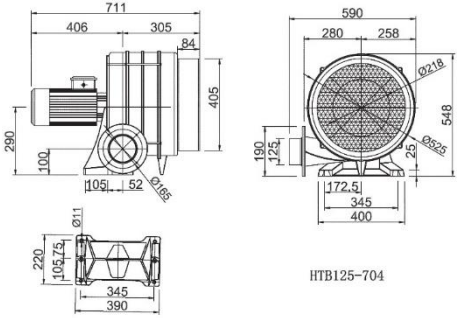


HTB75-104

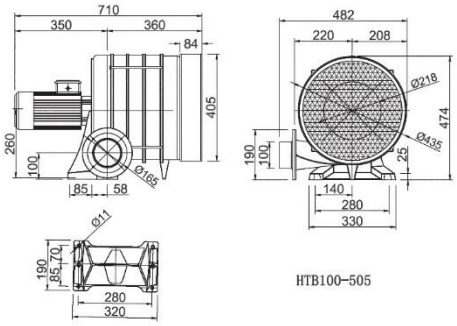
HTB100-203



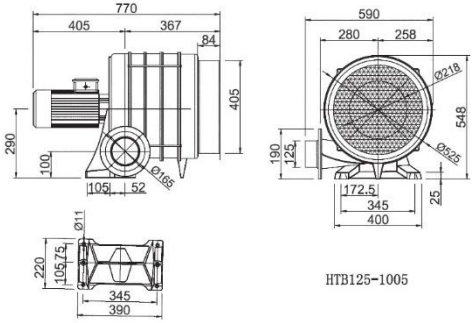
HTB100-304



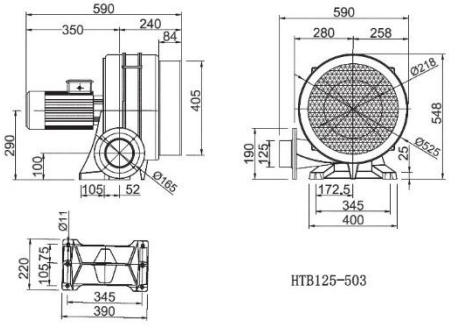
HTB125-704



HTB100-505



HTB125-1005



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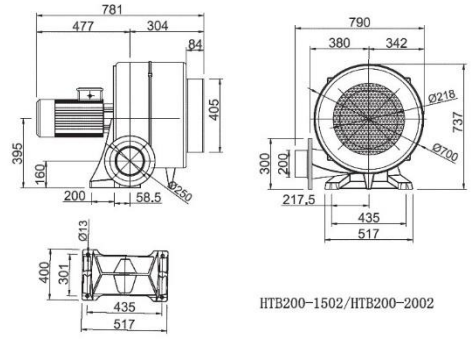

HTB200-1502/HTB200-2002